



secom ILUMINACION

Lighting Systems price list

41



secom ILUMINACION

41

Price list

Lighting is skill, technology and innovation but also sensitivity, originality and soul.

Secom Iluminación was founded in 1989, and committed to adding value at every stage of the lighting market

Secom Lighting focuses its activities in the design, manufacture and marketing of various types of fittings and light sources.

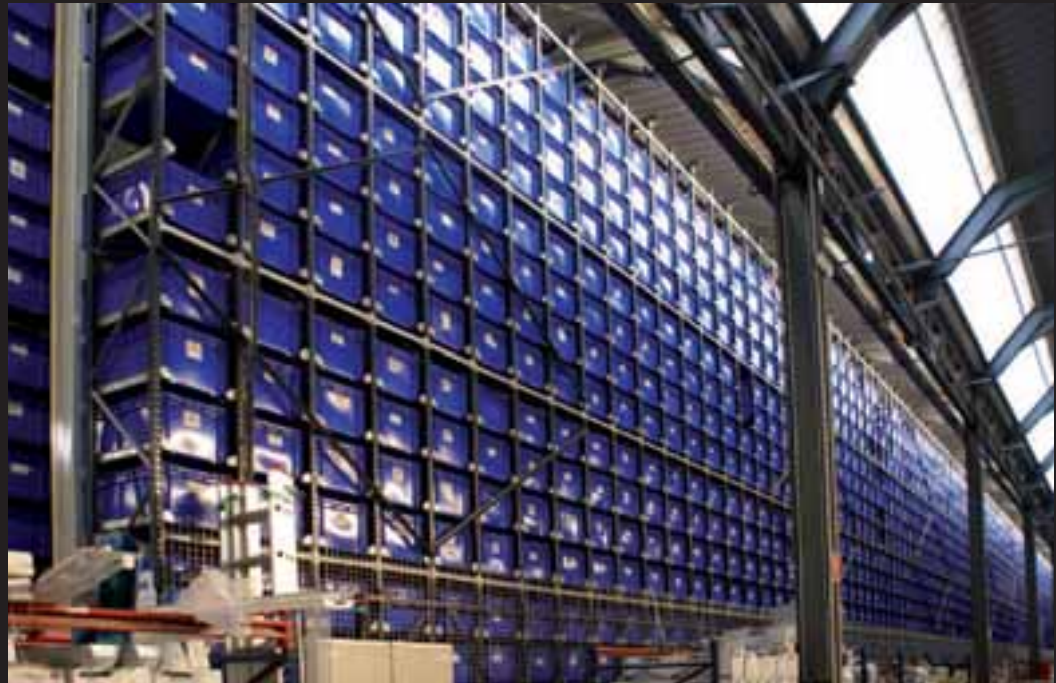
Secom has reached a leading position in the European lighting industry, thanks to its closeness with architects, engineers, wholesalers, installers and end customers, its listening and picking up each of their suggestions and its incorporating them into the design plans, eventually creating fittings that perfectly meet all wants and needs. Secom currently sells its fittings all over the world, generating directly and indirectly above 500 jobs.



Head Office Molina de Segura (Murcia, Spain)



Sales management.



Robotized warehousing system.



Robotized wiring cell.

Secom, in its 12,500-sqm facilities located in Molina de Segura (Murcia, Spain), carries out all production processes, and keeps large stocks of components involved in the manufacture of lighting equipment, in order to achieve greater flexibility and a reasonable delivery time.

Secom business philosophy focuses on getting high quality fittings, with Europe's top brand components for high reliability, and reasonable prices.

Secom attaches great importance to reduce time and storage costs of its distributors, therefore, carries out a careful and attractive packaging process, making the piling process easier thanks to its polyhedral lines and plenty of technical information. The fittings are also intended to take a short installation time, thus reducing labour cost. Finally, for both prescriptors and end users, Secom especially cares for the esthetic side of the fitting, light control and efficiency.

Secom, at the forefront of technology with a professional R+D+I department, has incorporated the latest and most modern machinery for the development and manufacture of light fittings. One of its recent acquisitions is the necessary equipment to manufacture and assemble the entire LED circuit and LED lights, enabling the company to deal with the increasingly strong demand for this type of fittings, more and more efficient and environmentally friendly.



Secom, since September 2010, has a specific space fitted especially for the manufacture of LED.



Lighting Secom invests in continuous training.



Pick & Place robot and convection reflow oven.



Laser cutting equipment for aluminum and other alloys for the manufacture of components.



Robotized folding machine.



Automatic installation of tunnel for defosfating and degreasing, powder coating booth and polymerization oven.

Assembly instructions, quality certificates, technical specification sheets and eulmdat files available to download from our site www.secom.es



secom ILUMINACIÓN S.L. (2011)

Polígono Industrial La Estrella, C/ Marte 18-21
30500 Molina de Segura (Murcia) Spain
Buzón de Correos nº11
Tlf.: 968 80 12 11 • Fax.:968 89 10 48
secom@secom.es

Dpto.Exportación
Tlf.: ++34-968 80 16 88 • Fax.: ++34-968 60 34 49
export@secom.es

www.secom.es



Indoor lighting

10



Industrial lighting

391



Outdoor lighting

403



Accessories

451

Indoor

lighting

Price list

	10
	86
	162
Surface and suspension systems	
Recessing systems	
Downlight systems	245
Emergency lighting system	
Projectors	
Space systems	250
Fluorescence systems	
Light fitting for hospitals and clinics	279
	296
	384

Proctom surface



Proctom dichroic
Proctom MR16 RGB 14

Proctom led 2w
Proctom led 4w
Proctom HQI ø50 15



Proctom QR-111 15



Proctom Led 111 16



Proctom CDM-R
Proctom CDM-TC 16



Proctom PAR 30
Proctom PAR 30 LED 17



Proctom Minisodium
Proctom HQI 17

Arquik



Arquik QR-111 18
Arquik LED-111
Arquik CDM-R 111

Combox



Combox DC 1 Dichroic.
Combox DC 1 GU-10
Combox DC 1 Led 2/5w
Combox DC 1 Led RGB 22



Combox 1 QR-111 22
Combox 1 LED-111



Combox DC 2 Dichroic.
Combox DC 2 GU-10
Combox DC 2 Led 2/5w
Combox DC 2 Led RGB 23



Combox 2 QR-111 23
Combox 2 LED-111



Combox DC 3 Dichroic.
Combox DC 3 GU-10
Combox DC 3 Led 2/5w
Combox DC 3 Led RGB 23



Combox 3 QR-111 24
Combox 3 LED-111



Combox DC 4 Dichroic.
Combox DC 4 GU-10
Combox DC 4 Led 2/5w
Combox DC 4 Led RGB 25



Combox 4 QR-111 25
Combox 4 LED-111
Combox 4 CDM-R 111



Prodi



Prodi 1 Dichroic
Prodi 1 Led 2w/5w
Prodi 1 Led MR16 RGB 26



Prodi 2 Dichroic
Prodi 2 Led 2w/5w
Prodi 2 Led MR16 RGB 27



Prodi 4 Dichroic
Prodi 4 Led 2w/5w
Prodi 4 Led MR16 RGB 27

Cesspro



Cesspro 2 QR-111 28
Cesspro 2 LED-111



Cesspro 4 QR-111 29
Cesspro 4 LED-111

Tander



Tander 1 QR-111 30
Tander 1 LED-111
Tander 1 CDM-R 111



Tander 2 QR-111 31
Tander 2 LED-111
Tander 2 CDM-R 111



Tander 3 QR-111 31
Tander 3 LED-111
Tander 3 CDM-R 111

Fried



Fried 745 / 7,3w 34
Fried 900 / 8,5w
Fried 940 / 14,6w



Fried 1150 / 17w 35
Fried 1500 / 30w
Fried 1700 / 35w

Presscom DC / Lipsi



Presscom 1 **36**
Presscom 1 Led 2w/5w
Presscom 1 Led RGB



Presscom 2 Dichroic **36**
Presscom 2 Led 2w/5w
Presscom 2 Led RGB



Lipsi 1 Dichroic **37**
Lipsi 1 Led 2w/5w
Lipsi 1 Led RGB



Lipsi 2 Dichroic **37**
Lipsi 2 Led 2w/5w
Lipsi 2 Led RGB

Cartem / Polaris / Sonek



Cartem 1 QR-111 **38**
Cartem 1 LED-111
Cartem 1 CDM-R 111



Cartem 2 QR-111 **39**
Cartem 2 LED-111
Cartem 2 CDM-R 111



Polaris QR-111 **40**
Cartem LED-111
Cartem CDM-R 111



Sonek **41**
Sonek Led R-63



Lartub Dichroic **44**
Lartub Led 7,2w
Lartub Led MR16 RGB



Lartub susp. Dichroic **45**
Lartub susp. Led 7,2w
Lartub susp. Led RGB



Lartub wall Dichroic **45**
Lartub wall Led 7,2w
Lartub wall Led RGB



Lartub wall CDM-R **46**
Lartub wall Led 111
Lartub wall QR-111



Lartub CDM-R **46**
Lartub Led 111
Lartub QR-111



Lartub susp. CDM-R **47**
Lartub susp. Led 111
Lartub susp. QR-111



Smurfit Dichroic **48**
Smurfit 2 Led 2x7,2w
Smurfit 2 Led RGB



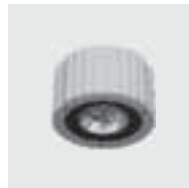
Smurfit 3 Dichroic **48**
Smurfit 3 Led 3x7,2w
Smurfit 3 Led RGB



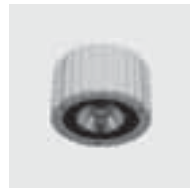
Smurfit Led 111 **48**



Smurfit 3 Dichroic **49**
Smurfit 3 Led 3x7,2w
Smurfit 3 Led RGB



Smurfit QR-111 **49**



Smurfit CDM-R 111. **49**



Smurfit susp.2 Dichro. **50**
Smurfit Led 2x7,2w
Smurfit susp.2 Led RGB



Smurfit susp.3 Dichro. **50**
Smurfit Led 3x7,2w
Smurfit susp.3 Led RGB



Smurfit susp. CDM-R **50**



Smurfit susp.3 Dichro. **51**
Smurfit Led 3x7,2w
Smurfit susp.3 Led RGB



Smurfit susp. QR-111 **51**



Smurfit Led 111 **51**

Other projectors



Sedici **53**



Tabilo fixed **53**
Tabilo adjustable



Twin Halógeno dichro. **54**
Twin Led 2w/5w
Twin Led MR16 RGB



Foco surface lineal **54**



Foco HQI surface 70w **55**



Foco HQI sup. 150w **55**



Sió surface 57



Megan surface 57

Suspension high bay



Braco E-27
Braco PL / PLT / HQI
Braco LED 58



Lumik E-27
Lumik PL/PLT
Lumik HQI 60



Zidi
Zidi PLE-D GLOBE 61



Adra CDM-R 111 62
Adra LED 111
Adra QR 111



Flexible Strip LED LED



Cambo 65



Garia



Garia 900/13w 68
Garia 1400/20w
Garia 1900/28w
Garia 900/13w susp. 68
Garia 1400/20w susp.
Garia 1900/28w susp.

Wall applique



Tulip 1 articulación 70



Tulip 2 articulaciones 70



Bama 70



Valo PL 71
Valo LED



Lisso 72



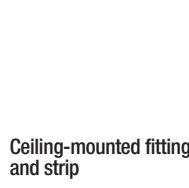
Apliques glass 72



Timver 73



Kuga LED 74



Ceiling-mounted fitting and strip



Plafones glass 75



Bravia sup. GU10 77
Bravia sup. BC
Bravia sup. Led 7w
Bravia sup. Led RGB



Bravia sup. GU10 77
Bravia sup. BC
Bravia sup. Led 7w
Bravia sup. Led RGB



Adjustable GU-10 78



Fixed su'perf. GU-10 78



Adjustable surface 79
Adjustable s. Led RGB



Plafon 1 lamp 80
Strip 2 lamps



Plafon 3 lamps 81
Strip 3 lamps



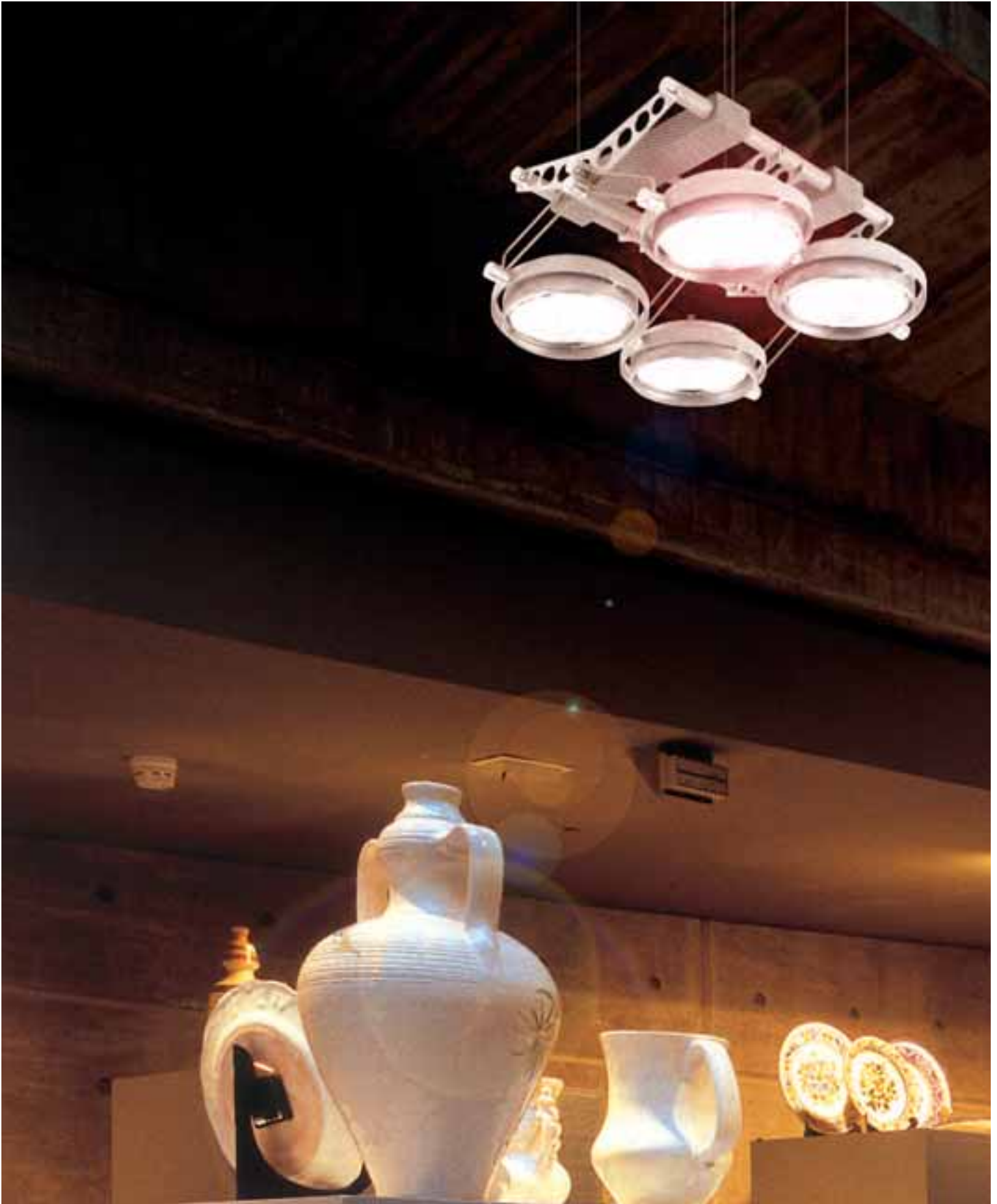
Plafon 1 lamp 82
Strip 2 lamps



Plafon 3 lamps 83
Strip 3 lamps



Plafon / strip R-63 84



Proctom surface

Protection degree IP20

- Material:** Injected and extruded aluminium, thermo painted.
- Optics:** Optics incorporated in most of de lamps. For HQI G12 and white Mini-sodium, bright aluminium diffusers are incorporated.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included when the model requires it.
- Lamps:** The series of PROCTOM projectors use a wide range of lamps, with different power and consumption, suitable for any type of lighting and application.

DOMESTIC USE:

- Dichroic halogen 12v50w.
- Direct Halogen GU-10 220v.
- Low consumption lamps.
- PAR 30 lamps.
- LED lamps.
- QR-111 lamps.

OFFICES AND COMMERCIAL AREAS:

- Dichroic halogen 12v50w.
- Direct Halogen GU-10 220v.
- Low consumption GU-10 220v.
- PAR 30 lamps.
- LED lamps.
- QR-111 lamps.
- CDM-R 111 / CDM-TC lamps.
- HQI lamps.
- White minisodium lamps.

Installation: Directly screw on ceiling (screw not included)

Colours: White, black, chrome matt and titanium.



Proctom surface dichroic

Includes electronic transformers and DICHROIC HALOGEN lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
001D 01 50	White	12v50w	GU5.3	50w	89,71	0,30
001D 02 50	Black	12v50w	GU5.3	50w	95,99	0,30
001D 52 50	Chrome matt	12v50w	GU5.3	50w	95,99	0,30
001D 90 50	Titanium	12v50w	GU5.3	50w	95,99	0,30

* Supplied in a standard manner with 36° opening lamp

Proctom surface led 2w

Includes 2w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
001L 01 02	White	LED	GU-10	2w	95,17	0,30 0,20
001L 02 02	Black	LED	GU-10	2w	101,45	0,30 0,20
001L 52 02	Chrome matt	LED	GU-10	2w	101,45	0,30 0,20
001L 90 02	Titanium	LED	GU-10	2w	101,45	0,30 0,20

* Supplied in a standard manner with 3000° K lamp

Proctom surface led 4w

Includes 4w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
001L 01 04	White	LED	GU-10	4w	131,56	0,30 0,20
001L 02 04	Black	LED	GU-10	4w	135,34	0,30 0,20
001L 52 04	Chrome matt	LED	GU-10	4w	135,34	0,30 0,20
001L 90 04	Titanium	LED	GU-10	4w	135,34	0,30 0,20

* Supplied in a standard manner with 3000° K lamp

Proctom surface MR16 LED RGB

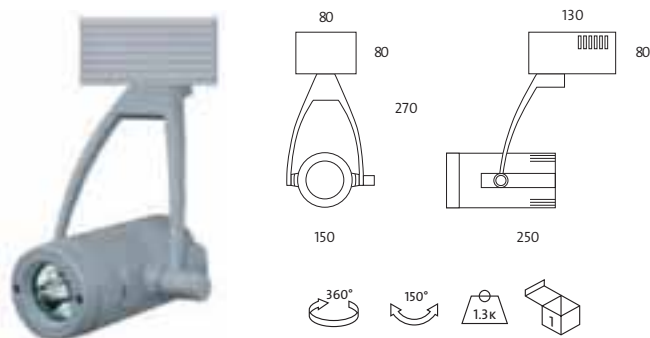
Includes driver and MR16 LED RGB lamp

Ref.	Colour	Lamp	L/H	W	€	lum.	RAEE lamp
001L 01 03	White	LED	GU5.3	3w	141,11	0,30	0,20
001L 02 03	Black	LED	GU5.3	3w	147,39	0,30	0,20
001L 52 03	Chrome matt	LED	GU5.3	3w	147,39	0,30	0,20
001L 90 03	Titanium	LED	GU5.3	3w	147,39	0,30	0,20

Rough increase of accesories

Ref.	Controlador para MR16 LED RGB lamp	€
3080		6,60

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.



Proctom surface led 5w

Includes driver and 5w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
001L 01 05	White	LED	GU5.3	5w	134,31	0,30 0,20
001L 02 05	Black	LED	GU5.3	5w	140,59	0,30 0,20
001L 52 05	Chrome matt	LED	GU5.3	5w	140,59	0,30 0,20
001L 90 05	Titanium	LED	GU5.3	5w	140,59	0,30 0,20

* Supplied in a standard manner with 3100° K lamp

Proctom surface led 7w

Includes LED lamp 7w

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
001L 01 07	White	LED	GU-10	7w	153,05	0,30 0,20
001L 02 07	Black	LED	GU-10	7w	159,34	0,30 0,20
001L 52 07	Chrome matt	LED	GU-10	7w	159,34	0,30 0,20
001L 90 07	Titanium	LED	GU-10	7w	159,34	0,30 0,20

* Supplied in a standard manner with 3000° K lamp

Proctom surface HQIø50

Includes electronic transformers and HQI lamp

Ref.	Colour	Lamp	Portalám.	W	€	RAEE lum. lamp
001Y 01	White	HQIø50	GX10	35w	198,19	0,30 0,30
001Y 02	Black	HQIø50	GX10	35w	204,50	0,30 0,30
001Y 52	Chrome matt	HQIø50	GX10	35w	204,50	0,30 0,30
00Y 90	Titanium	HQIø50	GX10	35w	204,50	0,30 0,30

* Supplied in a standard manner with 3000° K lamp

* Supplied in a standard manner with 38° opening lamp

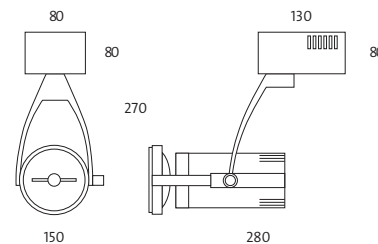
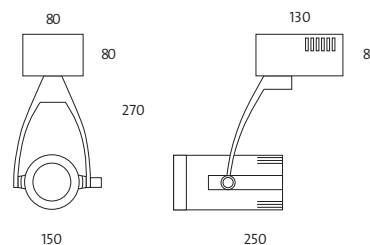
Proctom surface QR

Includes electronic transformers and QR-111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
001Q 01 35	White	QR-111	G53	35w	104,60	0,30
001Q 02 35	Black	QR-111	G53	35w	107,74	0,30
001Q 52 35	Chrome matt	QR-111	G53	35w	107,74	0,30
001Q 90 35	Titanium	QR-111	G53	35w	107,74	0,30
001Q 01 50	White	QR-111	G53	50w	104,60	0,30
001Q 02 50	Black	QR-111	G53	50w	107,74	0,30
001Q 52 50	Chrome matt	QR-111	G53	50w	107,74	0,30
001Q 90 50	Titanium	QR-111	G53	50w	107,74	0,30
001Q 01 60	White	QR-111	G53	60w	114,22	0,30
001Q 02 60	Black	QR-111	G53	60w	117,65	0,30
001Q 52 60	Chrome matt	QR-111	G53	60w	117,65	0,30
001Q 90 60	Titanium	QR-111	G53	60w	117,65	0,30
001Q 01 75	White	QR-111	G53	75w	111,19	0,30
001Q 02 75	Black	QR-111	G53	75w	114,53	0,30
001Q 52 75	Chrome matt	QR-111	G53	75w	114,53	0,30
001Q 90 75	Titanium	QR-111	G53	75w	114,53	0,30
001Q 01 10	White	QR-111	G53	100w	111,19	0,30
001Q 02 10	Black	QR-111	G53	100w	114,53	0,30
001Q 52 10	Chrome matt	QR-111	G53	100w	114,53	0,30
001Q 90 10	Titanium	QR-111	G53	100w	114,53	0,30

* Supplied in a standard manner with maximum lamp bevel.

OPTIONS	Ref. 04	Ref. 08	Ref. 24	Ref. 45
Bevel	4°	8°	24°	45°
QR-111 35w	•		•	
QR-111 50w	•	•	•	•
QR-111 60w		•	•	•
QR-111 75w		•	•	•
QR-111 100w		•	•	•



Example to write a reference with options

Proctom QR 75w

Ref. **001Q 01 75 08**

White 8° bevel

Proctom surface

Proctom surface LED-111

Includes electronic transformers and LED-111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp	
001B 01 12	White	LED-111	-	12w	202,60	0,30	0,20
001B 02 12	Black	LED-111	-	12w	208,88	0,30	0,20
001B 52 12	Chrome matt	LED-111	-	12w	208,88	0,30	0,20
001B 90 12	Titanium	LED-111	-	12w	208,88	0,30	0,20

* Supplied in a standard manner with 3100° K lamp

Rough price increase of driver

Ref.	DR	Dimmable driver 1-10V	€
			116,80



Proctom surface CDM-R

Includes electronic transformers and CDM-R 111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp	
001R 01 35	White	CDM-R 111	GX8.5	35w	301,89	0,30	0,30
001R 02 35	Black	CDM-R 111	GX8.5	35w	310,94	0,30	0,30
001R 52 35	Chrome matt	CDM-R 111	GX8.5	35w	310,94	0,30	0,30
001R 90 35	Titanium	CDM-R 111	GX8.5	35w	310,94	0,30	0,30
001R 01 70	White	CDM-R 111	GX8.5	70w	301,91	0,30	0,30
001R 02 70	Black	CDM-R 111	GX8.5	70w	310,96	0,30	0,30
001R 52 70	Chrome matt	CDM-R 111	GX8.5	70w	310,96	0,30	0,30
001R 90 70	Titanium	CDM-R 111	GX8.5	70w	310,96	0,30	0,30

* Supplied in a standard manner with maximum lamp level.

* Supplied in a standard manner with 3000° K lamp

OPTIONS

	Ref. 10	Ref. 24	Ref. 40
Bevel	10°	24°	40°
CDM-R 111 35w	•	•	•
CDM-R 111 70w	•	•	•

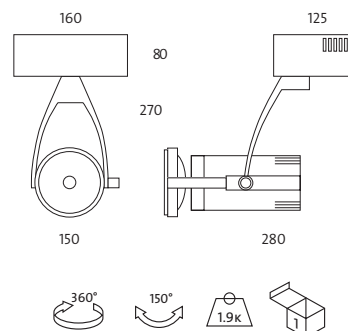


Proctom surface CDM-TC

Includes electronic transformers and lamp CDM-TC

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp	
001T 01 35	White	CDM-TC	G8.5	35w	278,18	0,30	0,30
001T 02 35	Black	CDM-TC	G8.5	35w	286,52	0,30	0,30
001T 52 35	Chrome matt	CDM-TC	G8.5	35w	286,52	0,30	0,30
001T 90 35	Titanium	CDM-TC	G8.5	35w	286,52	0,30	0,30
001T 01 70	White	CDM-TC	G8.5	70w	278,20	0,30	0,30
001T 02 70	Black	CDM-TC	G8.5	70w	286,54	0,30	0,30
001T 52 70	Chrome matt	CDM-TC	G8.5	70w	286,54	0,30	0,30
001T 90 70	Titanium	CDM-TC	G8.5	70w	286,54	0,30	0,30

* Supplied in a standard manner with 4000° K lamp



OPTIONS CDM-CT

IRC / Colour temperature

Ref. 83	3100°K
Ref. 84	4000°K

Proctom surface PAR

Includes PAR 30 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp	
001H 01 75	White	PAR 30	E-27	75w	122,11	0,30	0,30
001H 02 75	Black	PAR 30	E-27	75w	125,28	0,30	0,30
001H 52 75	Chrome matt	PAR 30	E-27	75w	125,28	0,30	0,30
001H 90 75	Titanium	PAR 30	E-27	75w	125,28	0,30	0,30
001H 01 10	White	PAR 30	E-27	100w	122,11	0,30	0,30
001H 02 10	Black	PAR 30	E-27	100w	125,28	0,30	0,30
001H 52 10	Chrome matt	PAR 30	E-27	100w	125,28	0,30	0,30
001H 90 10	Titanium	PAR 30	E-27	100w	125,28	0,30	0,30

Proctom surface PAR LED

Includes PAR 30 LED 700 lumens lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp	
001B 01 09	White	LED	E27	9w	195,55	0,30	0,20
001B 02 09	Black	LED	E27	9w	198,72	0,30	0,20
001B 52 09	Chrome matt	LED	E27	9w	198,72	0,30	0,20
001B 90 09	Titanium	LED	E27	9w	198,72	0,30	0,20

* Supplied in a standard manner with 4000° K lamp

OPTIONS LED LAMP

IRC / Colour temperature

Ref. 83	3100°K
Ref. 84	4000°K

Proctom surface Minisodium

Includes electronic transformers, glass and White Minisodium lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp	
001S 01 50	White	SDW-T	GX12-1	50w	395,16	0,30	0,30
001S 02 50	Black	SDW-T	GX12-1	50w	407,01	0,30	0,30
001S 52 50	Chrome matt	SDW-T	GX12-1	50w	407,01	0,30	0,30
001S 90 50	Titanium	SDW-T	GX12-1	50w	407,01	0,30	0,30
001S 01 10	White	SDW-T	GX12-1	100w	395,16	0,30	0,30
001S 02 10	Black	SDW-T	GX12-1	100w	407,01	0,30	0,30
001S 52 10	Chrome matt	SDW-T	GX12-1	100w	407,01	0,30	0,30
001S 90 10	Titanium	SDW-T	GX12-1	100w	407,01	0,30	0,30

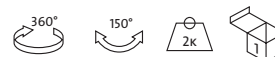
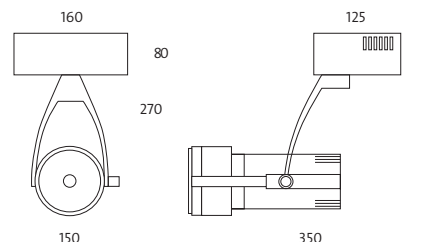
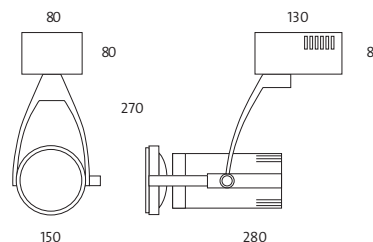
Proctom surface HQI

Includes electronic transformers, glass and HQI lamp G12

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp	
001G 01 35	White	HQI	G-12	35w	280,28	0,30	0,30
001G 02 35	Black	HQI	G-12	35w	288,68	0,30	0,30
001G 52 35	Chrome matt	HQI	G-12	35w	288,68	0,30	0,30
001G 90 35	Titanium	HQI	G-12	35w	288,68	0,30	0,30
001G 01 70	White	HQI	G-12	70w	280,30	0,30	0,30
001G 02 70	Black	HQI	G-12	70w	288,70	0,30	0,30
001G 52 70	Chrome matt	HQI	G-12	70w	288,70	0,30	0,30
001G 90 70	Titanium	HQI	G-12	70w	288,70	0,30	0,30
001G 01 15	White	HQI	G-12	150w	367,14	0,30	0,30
001G 02 15	Black	HQI	G-12	150w	367,17	0,30	0,30
001G 52 15	Chrome matt	HQI	G-12	150w	367,17	0,30	0,30
001G 90 15	Titanium	HQI	G-12	150w	367,17	0,30	0,30

* Supplied in a standard manner with 4200° K lamp

OPTIONS	Ref. 83	Ref. 84
Colour temperature	3000°K	4200°K
HQI 35w	•	•
HQI 70w	•	•
HQI 150w	•	•



Example to write a reference with options

Proctom HQI G12 70w

Ref. 001G 90 70 83

Titanium 3000°K


Arquik surface

Protection degree IP20

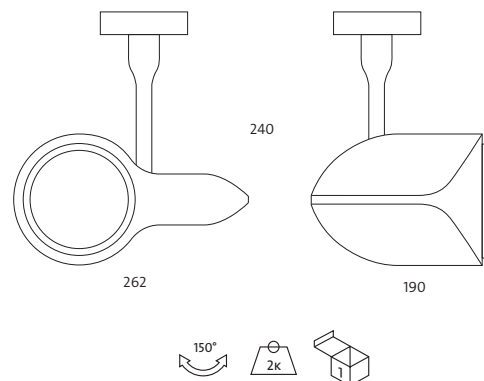
- Material:** Injected aluminium and steel thermo painted.
- Optics:** Optics incorporated in the lamps.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** It uses halogen lamps QR-111, metal halide CDMR-111 lamps and LED-111 lamps, suitable for public and/or commercial areas.
- Installation:** Directly screw on ceiling (screw not included).
- Colours:** White, black, chrome matt and titanium.

**Arquik surface QR-111**

Includes electronic transformers and QR-111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
 3068 01 35 24	White	QR-111	G53	35w	168,98	0,30
3068 02 35 24	Black	QR-111	G53	35w	173,30	0,30
3068 52 35 24	Chrome matt	QR-111	G53	35w	173,30	0,30
3068 90 35 24	Titanium	QR-111	G53	35w	173,30	0,30
3068 01 50 45	White	QR-111	G53	50w	164,08	0,30
3068 02 50 45	Black	QR-111	G53	50w	173,30	0,30
3068 52 50 45	Chrome matt	QR-111	G53	50w	173,32	0,30
3068 90 50 45	Titanium	QR-111	G53	50w	173,34	0,30
3068 01 60 45	White	QR-111	G53	60w	175,51	0,30
3068 02 60 45	Black	QR-111	G53	60w	182,92	0,30
3068 52 60 45	Chrome matt	QR-111	G53	60w	182,94	0,30
3068 90 60 45	Titanium	QR-111	G53	60w	182,96	0,30
3068 01 75 45	White	QR-111	G53	75w	175,57	0,30
3068 02 75 45	Black	QR-111	G53	75w	179,89	0,30
3068 52 75 45	Chrome matt	QR-111	G53	75w	179,89	0,30
3068 90 75 45	Titanium	QR-111	G53	75w	179,89	0,30
3068 01 10 45	White	QR-111	G53	100w	175,59	0,30
3068 02 10 45	Black	QR-111	G53	100w	179,92	0,30
3068 52 10 45	Chrome matt	QR-111	G53	100w	179,94	0,30
3068 90 10 45	Titanium	QR-111	G53	100w	179,96	0,30

* Supplied in a standard manner with maximum lamp bevel.



OPTIONS	Ref. 04	Ref. 08	Ref. 24	Ref. 45
Bevel	4°	8°	24°	45°
QR-111 35w	•		•	
QR-111 50w	•	•	•	•
QR-111 60w		•	•	•
QR-111 75w		•	•	•
QR-111 100w		•	•	•



Arquik surface CDM-R 111

Includes electronic transformers and CDM-R 111 lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp	
3068R 01 35	White	CDM-R GX8.5	35w	366,26	0,30	0,30	
3068R 02 35	Black	CDM-R GX8.5	35w	370,59	0,30	0,30	
3068R 52 35	Chrome matt	CDM-R GX8.5	35w	370,61	0,30	0,30	
3068R 90 35	Titanium	CDM-R GX8.5	35w	370,63	0,30	0,30	
3068R 01 70	White	CDM-R GX8.5	70w	366,57	0,30	0,30	
3068R 02 70	Black	CDM-R GX8.5	70w	370,90	0,30	0,30	
3068R 52 70	Chrome matt	CDM-R GX8.5	70w	370,92	0,30	0,30	
3068R 90 70	Titanium	CDM-R GX8.5	70w	370,94	0,30	0,30	

* Supplied in a standard manner with maximum lamp bevel.

* Supplied in a standard manner with 3000° K lamp

OPTIONS	Ref. 10	Ref. 24	Ref. 40
Bevel	10°	24°	40°
CDM-R 111 35w	•	•	•
CDM-R 111 70w	•	•	•

Arquik surface LED

Includes electronic transformers and LED-111 lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp	
3068L 01 14	White	LED-111	-	14w	298,59	0,30	0,20
3068L 02 14	Black	LED-111	-	14w	302,92	0,30	0,20
3068L 52 14	Chrome matt	LED-111	-	14w	302,92	0,30	0,20
3068L 90 14	Titanium	LED-111	-	14w	302,92	0,30	0,20

* Supplied in a standard manner with LED 6500° K lamp

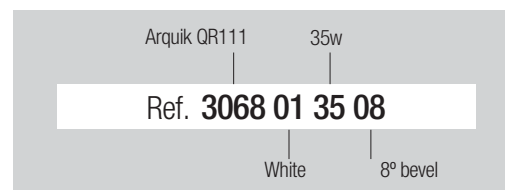
Incremento accesories	€
Ref. 3087 • LED Red	30,00
Ref. 3088 • LED Green	30,00
Ref. 3089 • LED Blue	30,00

Rough price increase of driver	€
Ref. DR Dimmable driver 1-10V	116,80

OPTIONS LED OSRAM DRAGON-X

IRC / Colour temperature	
Ref. 83	3300°K
Ref. 85	5400°K
Ref. 86	6500°K

Example to write a reference with options







Combox surface / suspension


Protection degree IP20

- Material:** Injected aluminium and steel thermo painted.
- Optics:** Optics incorporated in the lamps.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** The series of COMBOX lightings use dichroic halogen lamps, LED lamps, halogen lamps QR-111 and LED-111 lamps, suitable for domestic or commercial use and CDMR-111 lamps in the models for 4 lamps with exclusively commercial use.
- Installation:** Directly screw on ceiling (screw not included). With a suspension kit, standard version 1 meter length in the models for 4 lamps.
- Colours:** Black, chrome matt and titanium



Combox surface QR-111 1 lamp


Includes electronic transformers and QR-111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
 022 01 01 35 24	White	QR-111	G53	1x35w	168,71	0,30
022 01 02 35 24	Black	QR-111	G53	1x35w	173,77	0,30
022 01 52 35 24	Chrome matt	QR-111	G53	1x35w	173,77	0,30
022 01 90 35 24	Titanium	QR-111	G53	1x35w	173,77	0,30
022 01 01 50 45	White	QR-111	G53	1x50w	163,80	0,30
022 01 02 50 45	Black	QR-111	G53	1x50w	173,77	0,30
022 01 52 50 45	Chrome matt	QR-111	G53	1x50w	173,77	0,30
022 01 90 50 45	Titanium	QR-111	G53	1x50w	173,77	0,30
022 01 01 60 45	White	QR-111	G53	1x60w	176,43	0,30
022 01 02 60 45	Black	QR-111	G53	1x60w	181,72	0,30
022 01 52 60 45	Chrome matt	QR-111	G53	1x60w	181,72	0,30
022 01 90 60 45	Titanium	QR-111	G53	1x60w	181,72	0,30

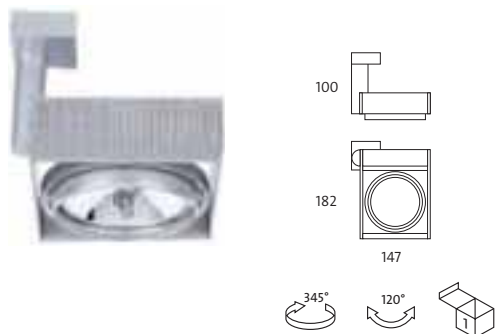
* Supplied in a standard manner with maximum lamp level.

Combox surface LED-111 1 lamp

Includes electronic transformers and LED-111 lamp


Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
 022B 01 01 12	White	LED-111	-	1x12w	272,49	0,30 0,20
022B 01 02 12	Black	LED-111	-	1x12w	280,66	0,30 0,20
022B 01 52 12	Chrome matt	LED-111	-	1x12w	280,66	0,30 0,20
022B 01 90 12	Titanium	LED-111	-	1x12w	280,66	0,30 0,20

* Supplied in a standard manner with 3100° K lamp




Combox DC surface 1 lamp

Includes electronic transformers and DICHROIC HALOGEN lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
 020 02 01 50	Black	12v50w	GU5.3	1x50w	138,99	0,30
020 52 01 50	Chrome matt	12v50w	GU5.3	1x50w	138,99	0,30
020 90 01 50	Titanium	12v50w	GU5.3	1x50w	138,99	0,30


* Supplied in a standard manner with 36° opening lamp

Includes DIRECT 220v GU-10 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
 020U 02 01	Black	220v50w	GU-10	1x50w	135,89	0,30
020U 52 01	Chrome matt	220v50w	GU-10	1x50w	135,89	0,30
020U 90 01	Titanium	220v50w	GU-10	1x50w	135,89	0,30


* Supplied in a standard manner with 40° opening lamp

Includes 2w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
 020L 02 01 02	Black	LED	GU-10	1x2w	148,78	0,30 0,20
020L 52 01 02	Chrome matt	LED	GU-10	1x2w	148,78	0,30 0,20
020L 90 01 02	Titanium	LED	GU-10	1x2w	148,78	0,30 0,20


* Supplied in a standard manner with 3000° K lamp

Includes 4w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
 020L 02 01 04	Black	LED	GU-10	1x4w	187,95	0,30 0,20
020L 52 01 04	Chrome matt	LED	GU-10	1x4w	187,95	0,30 0,20
020L 90 01 04	Titanium	LED	GU-10	1x4w	187,95	0,30 0,20


* Supplied in a standard manner with 3000° K lamp

Includes driver and 5w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
 020L 02 01 05	Black	LED	GU5.3	1x5w	193,20	0,30 0,20
020L 52 01 05	Chrome matt	LED	GU5.3	1x5w	193,20	0,30 0,20
020L 90 01 05	Titanium	LED	GU5.3	1x5w	193,20	0,30 0,20

* Supplied in a standard manner with 3100° K lamp

Includes driver and MR16 LED RGB lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
 020L 02 01 03	Black	LED	GU5.3	1x3w	196,10	0,30 0,20
020L 52 01 03	Chrome matt	LED	GU5.3	1x3w	196,10	0,30 0,20
020L 90 01 03	Titanium	LED	GU5.3	1x3w	196,10	0,30 0,20

Rough increase of accessories

Ref.	€
3080 Controlador para MR16 LED RGB lamp	6,60

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.

Combox DC surface 2 lamps

Includes electronic transformers and DICHROIC HALOGEN lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
020 02 02 50	Black	12v50w	GU5.3	2x50w	189,72	0,30
020 52 02 50	Chrome matt	12v50w	GU5.3	2x50w	189,72	0,30
020 90 02 50	Titanium	12v50w	GU5.3	2x50w	189,72	0,30

* Supplied in a standard manner with 36° opening lamp

Includes DIRECT 220v GU-10 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
020U 02 02	Black	220v50w	GU-10	2x50w	183,52	0,30
020U 52 02	Chrome matt	220v50w	GU-10	2x50w	183,52	0,30
020U 90 02	Titanium	220v50w	GU-10	2x50w	183,52	0,30

* Supplied in a standard manner with 40° opening lamp

Includes 2w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
020L 02 02 02	Black	LED	GU-10	2x2w	200,64	0,30	0,40
020L 52 02 02	Chrome matt	LED	GU-10	2x2w	200,64	0,30	0,40
020L 90 02 02	Titanium	LED	GU-10	2x2w	200,64	0,30	0,40

* Supplied in a standard manner with 3000° K lamp

Includes 4w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
020L 02 02 04	Black	LED	GU-10	2x4w	281,89	0,30	0,40
020L 52 02 04	Chrome matt	LED	GU-10	2x4w	281,89	0,30	0,40
020L 90 02 04	Titanium	LED	GU-10	2x4w	281,89	0,30	0,40

* Supplied in a standard manner with 3000° K lamp

Includes driver and 5w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
020L 02 02 05	Black	LED	GU5.3	2x5w	287,26	0,30	0,40
020L 52 02 05	Chrome matt	LED	GU5.3	2x5w	287,26	0,30	0,40
020L 90 02 05	Titanium	LED	GU5.3	2x5w	287,26	0,30	0,40

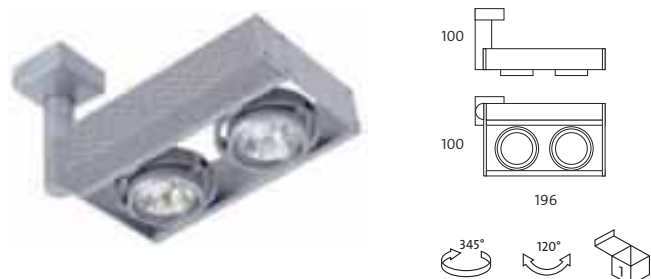
* Supplied in a standard manner with 3100° K lamp

Includes driver and MR16 LED RGB lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
020L 02 02 03	Black	LED	GU5.3	2x3w	301,29	0,30	0,40
020L 52 02 03	Chrome matt	LED	GU5.3	2x3w	301,29	0,30	0,40
020L 90 02 03	Titanium	LED	GU5.3	2x3w	301,29	0,30	0,40

Rough increase of accesories				€
Ref. 3080	Controlador para MR16 LED RGB lamp			6,60

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.



Combox surface QR-111 2 lamps

Includes electronic transformers and QR-111 lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
022 02 01 35 24	White	QR-111	G53	2x35w	234,16	0,30
022 02 02 35 24	Black	QR-111	G53	2x35w	241,18	0,30
022 02 52 35 24	Chrome matt	QR-111	G53	2x35w	241,18	0,30
022 02 90 35 24	Titanium	QR-111	G53	2x35w	241,18	0,30
022 02 01 50 45	White	QR-111	G53	2x50w	234,16	0,30
022 02 02 50 45	Black	QR-111	G53	2x50w	241,18	0,30
022 02 52 50 45	Chrome matt	QR-111	G53	2x50w	241,18	0,30
022 02 90 50 45	Titanium	QR-111	G53	2x50w	241,18	0,30
022 02 01 60 45	White	QR-111	G53	2x60w	249,61	0,30
022 02 02 60 45	Black	QR-111	G53	2x60w	257,09	0,30
022 02 52 60 45	Chrome matt	QR-111	G53	2x60w	257,09	0,30
022 02 90 60 45	Titanium	QR-111	G53	2x60w	257,09	0,30

* Supplied in a standard manner with maximum lamp bevel.

Combox surface LED-111 2 lamps

Includes electronic transformers and LED-111 lamp

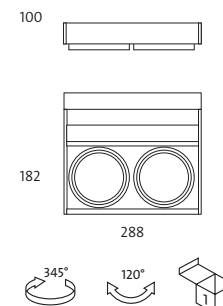
Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
022B 02 01 12	White	LED-111	-	2x12w	425,55	0,30	0,40
022B 02 02 12	Black	LED-111	-	2x12w	438,31	0,30	0,40
022B 02 52 12	Chrome matt	LED-111	-	2x12w	438,31	0,30	0,40
022B 02 90 12	Titanium	LED-111	-	2x12w	438,31	0,30	0,40

* Supplied in a standard manner with 3100° K lamp

OPTIONS LED LAMP

IRC / Colour temperature

Ref. 83	3100°K
Ref. 84	4000°K



Combox surface / suspension



Combox QR-111 3 lamps

Includes electronic transformers and QR-111 lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
022 03 01 35 24	White	QR-111 G53 3x35w	G53	3x35w	293,81	0,30
022 03 02 35 24	Black	QR-111 G53 3x35w	G53	3x35w	302,62	0,30
022 03 52 35 24	Chrome matt	QR-111 G53 3x35w	G53	3x35w	302,62	0,30
022 03 90 35 24	Titanium	QR-111 G53 3x35w	G53	3x35w	302,62	0,30
022 03 01 50 45	White	QR-111 G53 3x50w	G53	3x50w	293,81	0,30
022 03 02 50 45	Black	QR-111 G53 3x50w	G53	3x50w	302,62	0,30
022 03 52 50 45	Chrome matt	QR-111 G53 3x50w	G53	3x50w	302,62	0,30
022 03 90 50 45	Titanium	QR-111 G53 3x50w	G53	3x50w	302,62	0,30
022 03 01 60 45	White	QR-111 G53 3x60w	G53	3x60w	307,76	0,30
022 03 02 60 45	Black	QR-111 G53 3x60w	G53	3x60w	326,49	0,30
022 03 52 60 45	Chrome matt	QR-111 G53 3x60w	G53	3x60w	326,49	0,30
022 03 90 60 45	Titanium	QR-111 G53 3x60w	G53	3x60w	326,49	0,30

* Supplied in a standard manner with maximum lamp bevel.

Combox DC surface 3 lamps

Includes electronic transformers and DICHROIC HALOGEN lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
020 02 03 50	Black	12v50w GU5.3 3x50w	GU5.3	3x50w	238,89	0,30
020 52 03 50	Chrome matt	12v50w GU5.3 3x50w	GU5.3	3x50w	238,89	0,30
020 90 03 50	Titanium	12v50w GU5.3 3x50w	GU5.3	3x50w	238,89	0,30

* Supplied in a standard manner with 36° opening lamp

Includes DIRECT 220v GU-10 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
020U 02 03	Black	220v50w GU-10 3x50w	GU-10	3x50w	236,69	0,30
020U 52 03	Chrome matt	220v50w GU-10 3x50w	GU-10	3x50w	236,69	0,30
020U 90 03	Titanium	220v50w GU-10 3x50w	GU-10	3x50w	236,69	0,30

* Supplied in a standard manner with 40° opening lamp

Includes 2w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
020L 02 03 02	Black	LED GU-10 3x2w	GU-10	3x2w	262,92	0,30 0,60
020L 52 03 02	Chrome matt	LED GU-10 3x2w	GU-10	3x2w	262,92	0,30 0,60
020L 90 03 02	Titanium	LED GU-10 3x2w	GU-10	3x2w	262,92	0,30 0,60

* Supplied in a standard manner with 3000° K lamp

Includes 4w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
020L 02 03 04	Black	LED GU-10 3x4w	GU-10	3x4w	378,61	0,30 0,60
020L 52 03 04	Chrome matt	LED GU-10 3x4w	GU-10	3x4w	378,61	0,30 0,60
020L 90 03 04	Titanium	LED GU-10 3x4w	GU-10	3x4w	378,61	0,30 0,60

* Supplied in a standard manner with 3000° K lamp

Includes driver and 5w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
020L 02 03 05	Black	LED GU5.3 3x5w	GU5.3	3x5w	383,87	0,30 0,60
020L 52 03 05	Chrome matt	LED GU5.3 3x5w	GU5.3	3x5w	383,87	0,30 0,60
020L 90 03 05	Titanium	LED GU5.3 3x5w	GU5.3	3x5w	383,87	0,30 0,60

* Supplied in a standard manner with 3100° K lamp

Includes driver and MR16 LED RGB lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
020L 02 03 03	Black	LED GU5.3 3x3w	GU5.3	3x3w	404,87	0,30 0,60
020L 52 03 03	Chrome matt	LED GU5.3 3x3w	GU5.3	3x3w	404,87	0,30 0,60
020L 90 03 03	Titanium	LED GU5.3 3x3w	GU5.3	3x3w	404,87	0,30 0,60

OPTIONS	Ref. 04	Ref. 08	Ref. 24	Ref. 45
Bevel	4°	8°	24°	45°
QR-111 35w	•		•	
QR-111 50w	•	•	•	•
QR-111 60w		•	•	•

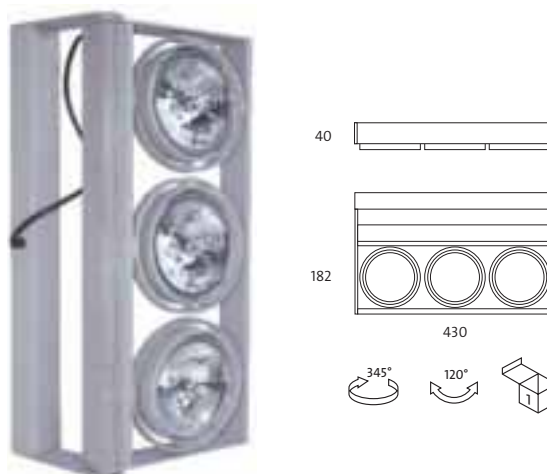
Combox LED-111 3 lamps

Includes electronic transformers and LED-111 lamp

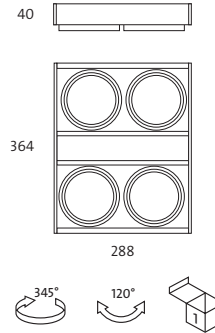
Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
022B 03 01 12	White	LED-111 - 3x12w	-	3x12w	580,30	0,30 0,60
022B 03 02 12	Black	LED-111 - 3x12w	-	3x12w	597,70	0,30 0,60
022B 03 52 12	Chrome matt	LED-111 - 3x12w	-	3x12w	597,70	0,30 0,60
022B 03 90 12	Titanium	LED-111 - 3x12w	-	3x12w	597,70	0,30 0,60

* Supplied in a standard manner with 3100° K lamp

OPTIONS	Ref. 10	Ref. 24	Ref. 40
Bevel	10°	24°	40°
CDM-R 111 35w	•	•	•



Combox



Combox DC suspension 4 lamps (Includes suspension kit)

Includes electronic transformers and DICHROIC HALOGEN lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
020 02 04 50	Black	12v50w	GU5.3	4x50w	345,81	0,30
020 52 04 50	Chrome matt	12v50w	GU5.3	4x50w	345,81	0,30
020 90 04 50	Titanium	12v50w	GU5.3	4x50w	345,81	0,30

* Supplied in a standard manner with 36° opening lamp

Includes DIRECT 220v GU-10 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
020U 02 04	Black	220v50w	GU-10	4x50w	339,79	0,30
020U 52 04	Chrome matt	220v50w	GU-10	4x50w	339,79	0,30
020U 90 04	Titanium	220v50w	GU-10	4x50w	339,79	0,30

* Supplied in a standard manner with 40° opening lamp

Includes 2w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
020L 02 04 02	Black	LED	GU-10	4x2w	378,66	0,30 0,80
020L 52 04 02	Chrome matt	LED	GU-10	4x2w	378,66	0,30 0,80
020L 90 04 02	Titanium	LED	GU-10	4x2w	378,66	0,30 0,80

* Supplied in a standard manner with 3000° K lamp

Includes 4w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
020L 02 04 04	Black	LED	GU-10	4x4w	534,65	0,30 0,80
020L 52 04 04	Chrome matt	LED	GU-10	4x4w	534,65	0,30 0,80
020L 90 04 04	Titanium	LED	GU-10	4x4w	534,65	0,30 0,80

* Supplied in a standard manner with 3000° K lamp

Includes driver and 5w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
020L 02 04 05	Black	LED	GU5.3	4x5w	539,90	0,30 0,80
020L 52 04 05	Chrome matt	LED	GU5.3	4x5w	539,90	0,30 0,80
020L 90 04 05	Titanium	LED	GU5.3	4x5w	539,90	0,30 0,80

* Supplied in a standard manner with 3100° K lamp

Includes driver and MR16 LED RGB lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
020L 02 04 03	Black	LED	GU5.3	4x3w	567,94	0,30 0,80
020L 52 04 03	Chrome matt	LED	GU5.3	4x3w	567,94	0,30 0,80
020L 90 04 03	Titanium	LED	GU5.3	4x3w	567,94	0,30 0,80

Combox suspension QR 4 lamps (Includes suspension kit)

Includes electronic transformers and QR-111 lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
022 04 01 35 24	White	QR-111	G53	4x35w	420,69	0,30
022 04 02 35 24	Black	QR-111	G53	4x35w	433,31	0,30
022 04 52 35 24	Chrome matt	QR-111	G53	4x35w	433,31	0,30
022 04 90 35 24	Titanium	QR-111	G53	4x35w	433,31	0,30
022 04 01 50 45	White	QR-111	G53	4x50w	420,69	0,30
022 04 02 50 45	Black	QR-111	G53	4x50w	433,31	0,30
022 04 52 50 45	Chrome matt	QR-111	G53	4x50w	433,31	0,30
022 04 90 50 45	Titanium	QR-111	G53	4x50w	433,31	0,30
022 04 01 60 45	White	QR-111	G53	4x60w	451,59	0,30
022 04 02 60 45	Black	QR-111	G53	4x60w	465,13	0,30
022 04 52 60 45	Chrome matt	QR-111	G53	4x60w	465,13	0,30
022 04 90 60 45	Titanium	QR-111	G53	4x60w	465,13	0,30

* Supplied in a standard manner with maximum lamp bevel.

Combox suspension LED-111 4 lamps (Includes suspension kit)

Includes electronic transformers and LED-111 lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
022B 04 01 12	White	LED-111	-	4x12w	803,79	0,30 0,80
022B 04 02 12	Black	LED-111	-	4x12w	827,90	0,30 0,80
022B 04 52 12	Chrome matt	LED-111	-	4x12w	827,90	0,30 0,80
022B 04 90 12	Titanium	LED-111	-	4x12w	827,90	0,30 0,80

* Supplied in a standard manner with 3100° K lamp

Combox suspension CDM-R 111 4 lamps (Includes suspension kit)

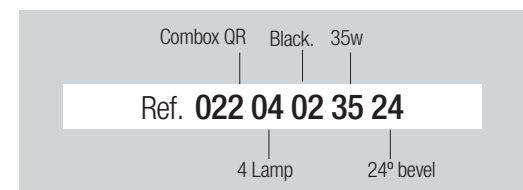
Includes electronic transformers and CDM-R 111 lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
022R 04 01 35	White	CDM-R	GX8.5	4x35w	968,30	0,30 1,20
022R 04 02 35	Black	CDM-R	GX8.5	4x35w	997,34	0,30 1,20
022R 04 52 35	Chrome matt	CDM-R	GX8.5	4x35w	997,34	0,30 1,20
022R 04 90 35	Titanium	CDM-R	GX8.5	4x35w	997,34	0,30 1,20

* Supplied in a standard manner with maximum lamp bevel.

* Supplied in a standard manner with 3000° K lamp

Example to write a reference with options



Prodi

Protection degree IP20

- Material:** Injected aluminium and steel thermo painted.
- Optics:** Optics incorporated in the lamps.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** The series of PRODI lightings use halogen lamps and LED lamps, suitable for domestic or commercial use.
- Installation:** Directly screw on ceiling (screw not included). With a suspension kit, standard version 1 meter length in the models for 2 or 4 lamps.
- Colours:** Black, chrome matt and titanium.



Prodi 1 lamp

Includes electronic transformers and DICHROIC HALOGEN lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
055 02 50	Black	12v50w	GU5.3	1x50w	181,69	0,30
055 52 50	Chrome matt	12v50w	GU5.3	1x50w	181,69	0,30
055 90 50	Titanium	12v50w	GU5.3	1x50w	181,69	0,30

* Supplied in a standard manner with 36° opening lamp

Includes 2w LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
055L 02 02	Black	LED	GU-10	1x2w	192,76	0,30	0,20
055L 52 02	Chrome matt	LED	GU-10	1x2w	192,76	0,30	0,20
055L 90 02	Titanium	LED	GU-10	1x2w	192,76	0,30	0,20

* Supplied in a standard manner with 3000° K lamp

Includes 4w LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
055L 02 04	Black	LED	GU-10	1x4w	227,82	0,30	0,20
055L 52 04	Chrome matt	LED	GU-10	1x4w	227,82	0,30	0,20
055L 90 04	Titanium	LED	GU-10	1x4w	227,82	0,30	0,20

* Supplied in a standard manner with 3000° K lamp

Include driver and 5w LED lamp



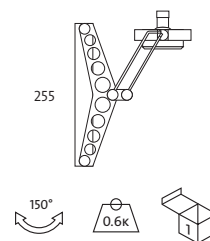
Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
055L 02 05	Black	LED	GU5.3	1x5w	233,07	0,30	0,20
055L 52 05	Chrome matt	LED	GU5.3	1x5w	233,07	0,30	0,20
055L 90 05	Titanium	LED	GU5.3	1x5w	233,07	0,30	0,20

* Supplied in a standard manner with 3100° K lamp

Includes driver and MR16 LED RGB lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
055L 02 03	Black	LED	GU5.3	1x3w	240,07	0,30	0,20
055L 52 03	Chrome matt	LED	GU5.3	1x3w	240,07	0,30	0,20
055L 90 03	Titanium	LED	GU5.3	1x3w	240,07	0,30	0,20



Rough increase of accessories

Ref.	Controlador para MR16 LED RGB lamp	€
3080		6,60

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.



Prodi 2 lamps

Includes electronic transformers and DICHROIC HALOGEN lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
051 02 50	Black	12v50w	GU5.3	2x50w	185,50	0,30
051 52 50	Chrome matt	12v50w	GU5.3	2x50w	185,50	0,30
051 90 50	Titanium	12v50w	GU5.3	2x50w	185,50	0,30

* Supplied in a standard manner with 36° opening lamp

Includes 2w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
051L 02 02	Black	LED	GU-10	2x2w	202,26	0,30 0,40
051L 52 02	Chrome matt	LED	GU-10	2x2w	202,26	0,30 0,40
051L 90 02	Titanium	LED	GU-10	2x2w	202,26	0,30 0,40

* Supplied in a standard manner with 3000° K lamp

Includes 4w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
051L 02 04	Black	LED	GU-10	2x4w	277,63	0,30 0,40
051L 52 04	Chrome matt	LED	GU-10	2x4w	277,63	0,30 0,40
051L 90 04	Titanium	LED	GU-10	2x4w	277,63	0,30 0,40

* Supplied in a standard manner with 3000° K lamp

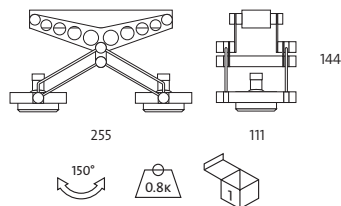
Includes driver and 5w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
051L 02 05	Black	LED	GU5.3	2x5w	282,89	0,30 0,40
051L 52 05	Chrome matt	LED	GU5.3	2x5w	282,89	0,30 0,40
051L 90 05	Titanium	LED	GU5.3	2x5w	282,89	0,30 0,40

* Supplied in a standard manner with 3100° K lamp

Includes driver and MR16 LED RGB lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
051L 02 03	Black	LED	GU5.3	2x3w	296,93	0,30 0,40
051L 52 03	Chrome matt	LED	GU5.3	2x3w	296,93	0,30 0,40
051L 90 03	Titanium	LED	GU5.3	2x3w	296,93	0,30 0,40



Prodi 4 lamps

Includes electronic transformers and DICHROIC HALOGEN lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
052 02 50	Black	12v50w	GU5.3	4x50w	338,10	0,30
052 52 50	Chrome matt	12v50w	GU5.3	4x50w	338,10	0,30
052 90 50	Titanium	12v50w	GU5.3	4x50w	338,10	0,30

* Supplied in a standard manner with 36° opening lamp

Includes 2w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
052L 02 02	Black	LED	GU-10	4x2w	370,24	0,30 0,80
052L 52 02	Chrome matt	LED	GU-10	4x2w	370,24	0,30 0,80
052L 90 02	Titanium	LED	GU-10	4x2w	370,24	0,30 0,80

* Supplied in a standard manner with 3000° K lamp

Includes 4w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
052L 02 04	Black	LED	GU-10	4x4w	526,74	0,30 0,80
052L 52 04	Chrome matt	LED	GU-10	4x4w	526,74	0,30 0,80
052L 90 04	Titanium	LED	GU-10	4x4w	526,74	0,30 0,80

* Supplied in a standard manner with 3000° K lamp

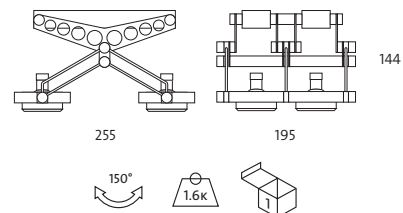
Includes driver and 5w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
052L 02 05	Black	LED	GU5.3	4x5w	531,99	0,30 0,80
052L 52 05	Chrome matt	LED	GU5.3	4x5w	531,99	0,30 0,80
052L 90 05	Titanium	LED	GU5.3	4x5w	531,99	0,30 0,80

* Supplied in a standard manner with 3100° K lamp

Includes driver and MR16 LED RGB lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
052L 02 03	Black	LED	GU5.3	4x3w	507,05	0,30 0,80
052L 52 03	Chrome matt	LED	GU5.3	4x3w	507,05	0,30 0,80
052L 90 03	Titanium	LED	GU5.3	4x3w	507,05	0,30 0,80



Rough increase of accessories

Ref.	Description	€
Ref. 1211B	Suspension kit Prodi 2 lamps	12,50
Ref. 1211	Suspension kit Prodi 4 lamps	25,00

Cesspro surface / suspension

Protection degree IP20

- Material:** Injected aluminium and steel thermo painted.
- Optics:** Optics incorporated in the lamps.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** The series of CESSPRO lightings use halogen lamps QR-111 and LED-111 lamps, suitable for domestic or commercial use.
- Installation:** Directly screw on ceiling (screw not included). With a suspension kit, standard version 1 meter length in the models for 2 or 4 lamps.
- Colours:** Black, chrome matt and titanium.

Cesspro 2 lamps surface

Includes electronic transformers and QR-111 lamps



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
063 02 35 24	Black	QR-111	G53	2x35w	240,44	0,30
063 52 35 24	Chrome matt	QR-111	G53	2x35w	240,44	0,30
063 90 35 24	Titanium	QR-111	G53	2x35w	240,44	0,30
063 02 50 45	Black	QR-111	G53	2x50w	240,44	0,30
063 52 50 45	Chrome matt	QR-111	G53	2x50w	240,44	0,30
063 90 50 45	Titanium	QR-111	G53	2x50w	240,44	0,30
063 02 60 45	Black	QR-111	G53	2x60w	255,33	0,30
063 52 60 45	Chrome matt	QR-111	G53	2x60w	255,33	0,30
063 90 60 45	Titanium	QR-111	G53	2x60w	255,33	0,30

* Supplied in a standard manner with maximum lamp bevel.



Includes electronic transformers and LED lamps-111



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
063B 02 12	Black	LED-111	-	2x12w	434,96	0,30	0,40
063B 52 12	Chrome matt	LED-111	-	2x12w	434,96	0,30	0,40
063B 90 12	Titanium	LED-111	-	2x12w	434,96	0,30	0,40

* Supplied in a standard manner with 3100° K lamp

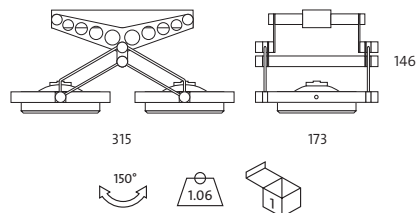
Cesspro 2 lamps suspension

Includes suspension kit, electronic transf. and QR-111 lamps



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
061S 02 35 24	Black	QR-111	G53	2x35w	257,50	0,30
061S 52 35 24	Chrome matt	QR-111	G53	2x35w	257,50	0,30
061S 90 35 24	Titanium	QR-111	G53	2x35w	257,50	0,30
061S 02 50 45	Black	QR-111	G53	2x50w	257,50	0,30
061S 52 50 45	Chrome matt	QR-111	G53	2x50w	257,50	0,30
061S 90 50 45	Titanium	QR-111	G53	2x50w	257,50	0,30
061S 02 60 45	Black	QR-111	G53	2x60w	272,38	0,30
061S 52 60 45	Chrome matt	QR-111	G53	2x60w	272,38	0,30
061S 90 60 45	Titanium	QR-111	G53	2x60w	272,38	0,30

* Supplied in a standard manner with maximum lamp bevel.



Includes electronic transformers and LED lamps-111



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
061BS 02 12	Black	LED-111	-	2x12w	452,01	0,30	0,40
061BS 52 12	Chrome matt	LED-111	-	2x12w	452,01	0,30	0,40
061BS 90 12	Titanium	LED-111	-	2x12w	452,01	0,30	0,40

* Supplied in a standard manner with 3100° K lamp

Cesspro 4 lamps surface

Includes electronic transformers and QR-111 lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	
064 02 35 24	Black	QR-111	G53	4x35w	433,11	0,30	
064 52 35 24	Chrome matt	QR-111	G53	4x35w	433,11	0,30	
064 90 35 24	Titanium	QR-111	G53	4x35w	433,11	0,30	
064 02 50 45	Black	QR-111	G53	4x50w	433,11	0,30	
064 52 50 45	Chrome matt	QR-111	G53	4x50w	433,11	0,30	
064 90 50 45	Titanium	QR-111	G53	4x50w	433,11	0,30	
064 02 60 45	Black	QR-111	G53	4x60w	464,01	0,30	
064 52 60 45	Chrome matt	QR-111	G53	4x60w	464,01	0,30	
064 90 60 45	Titanium	QR-111	G53	4x60w	464,01	0,30	

* Supplied in a standard manner with maximum lamp bevel.

Includes electronic transformers and LED lamps-111

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp	
064B 02 12	Black	LED-111	-	4x12w	818,43	0,30	0,80
064B 52 12	Chrome matt	LED-111	-	4x12w	818,43	0,30	0,80
064B 90 12	Titanium	LED-111	-	4x12w	818,43	0,30	0,80

* Supplied in a standard manner with 3100° K lamp



Cesspro 4 lamps suspension

Includes suspension kit, electronic transf. and QR-111 lamps

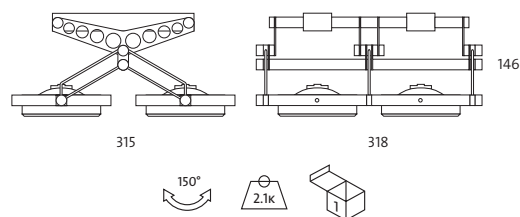
Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	
066 02 35 24	Black	QR-111	G53	4x35w	467,22	0,30	
066 52 35 24	Chrome matt	QR-111	G53	4x35w	467,22	0,30	
066 90 35 24	Titanium	QR-111	G53	4x35w	467,22	0,30	
066 02 50 45	Black	QR-111	G53	4x50w	467,22	0,30	
066 52 50 45	Chrome matt	QR-111	G53	4x50w	467,22	0,30	
066 90 50 45	Titanium	QR-111	G53	4x50w	467,22	0,30	
066 02 60 45	Black	QR-111	G53	4x60w	474,95	0,30	
066 52 60 45	Chrome matt	QR-111	G53	4x60w	474,95	0,30	
066 90 60 45	Titanium	QR-111	G53	4x60w	474,95	0,30	

* Supplied in a standard manner with maximum lamp bevel.

Includes electronic transformers and LED lamps-111

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp	
066BS 02 12	Black	LED-111	G53	4x12w	852,55	0,30	0,80
066BS 52 12	Chrome matt	LED-111	G53	4x12w	852,55	0,30	0,80
066BS 90 12	Titanium	LED-111	G53	4x12w	852,55	0,30	0,80

* Supplied in a standard manner with 3100° K lamp



Rough price increase of driver

Ref. DR	Dimmable driver 1-10V	€
		116,80

OPTIONS LED LAMP

IRC / Colour temperature

Ref. 83	3100°K
Ref. 84	4000°K

OPTIONS	Ref. 04	Ref. 08	Ref. 24	Ref. 45
Bevel	4°	8°	24°	45°
QR-111 35w	•		•	
QR-111 50w	•	•	•	•
QR-111 60w		•	•	•

Example to write a reference with options

Cesspro 4 lamp 24° bevel

Ref. 062 02 60 24

Black 60w.

Tander QR-111/CDM-R 111/LED-111

Protection degree IP20

- Material:** Injected aluminium and steel thermo painted.
- Optics:** Optics incorporated in the lamps.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** The series of TANDER lightings use halogen lamps QR-111 and LED-111 lamps, suitable for domestic or commercial use and metal halide CDMR-111 lamps only recommended in public and commercial areas.
- Installation:** It includes a 1.5 meter power cable with switch and plug.
- Colours:** White, black, chrome matt and titanium.



Tander 1 lamp

Includes electronic transformers and QR-111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
096 01 35	White	QR-111	G53	1x35w	149,41	0,65
096 02 35	Black	QR-111	G53	1x35w	153,89	0,65
096 52 35	Chrome matt	QR-111	G53	1x35w	153,89	0,65
096 90 35	Titanium	QR-111	G53	1x35w	153,89	0,65
096 01 50	White	QR-111	G53	1x50w	145,06	0,65
096 02 50	Black	QR-111	G53	1x50w	153,89	0,65
096 52 50	Chrome matt	QR-111	G53	1x50w	153,89	0,65
096 90 50	Titanium	QR-111	G53	1x50w	153,89	0,65
096 01 60	White	QR-111	G53	1x60w	159,44	0,65
096 02 60	Black	QR-111	G53	1x60w	164,22	0,65
096 52 60	Chrome matt	QR-111	G53	1x60w	164,22	0,65
096 90 60	Titanium	QR-111	G53	1x60w	164,22	0,65
096 01 75	White	QR-111	G53	1x75w	156,25	0,65
096 02 75	Black	QR-111	G53	1x75w	160,93	0,65
096 52 75	Chrome matt	QR-111	G53	1x75w	160,93	0,65
096 90 75	Titanium	QR-111	G53	1x75w	160,93	0,65
096 01 10	White	QR-111	G53	1x100w	156,25	0,65
096 02 10	Black	QR-111	G53	1x100w	160,93	0,65
096 52 10	Chrome matt	QR-111	G53	1x100w	160,93	0,65
096 90 10	Titanium	QR-111	G53	1x100w	160,93	0,65

* Supplied in a standard manner with maximum lamp bevel.

Includes electronic transformers and LED-111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
096B 01 12	White	LED-111	-	1x12w	248,33	0,65	0,20
096B 02 12	Black	LED-111	-	1x12w	255,77	0,65	0,20
096B 52 12	Chrome matt	LED-111	-	1x12w	255,77	0,65	0,20
096B 90 12	Titanium	LED-111	-	1x12w	255,77	0,65	0,20

* Supplied in a standard manner with 3100° K lamp

Includes electronic transformers and CDM-R 111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
746 01 35C	White	CDM-R 111	GX8.5	1x35w	316,41	0,65	0,30
746 02 35C	Black	CDM-R 111	GX8.5	1x35w	325,90	0,65	0,30
746 52 35C	Chrome matt	CDM-R 111	GX8.5	1x35w	325,90	0,65	0,30
746 90 35C	Titanium	CDM-R 111	GX8.5	1x35w	325,90	0,65	0,30
746 01 70C	White	CDM-R 111	GX8.5	1x70w	324,86	0,65	0,30
746 02 70C	Black	CDM-R 111	GX8.5	1x70w	334,60	0,65	0,30
746 52 70C	Chrome matt	CDM-R 111	GX8.5	1x70w	334,60	0,65	0,30
746 90 70C	Titanium	CDM-R 111	GX8.5	1x70w	334,60	0,65	0,30

* Supplied in a standard manner with maximum lamp bevel.

* Supplied in a standard manner with 3000° K lamp

Tander 3 lamps

Includes electronic transformers and QR-111 lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
099C 01 35	White	QR-111	G53	3x35w	298,32	0,85
099C 02 35	Black	QR-111	G53	3x35w	307,26	0,85
099C 52 35	Chrome matt	QR-111	G53	3x35w	307,26	0,85
099C 90 35	Titanium	QR-111	G53	3x35w	307,26	0,85
099C 01 50	White	QR-111	G53	3x50w	298,32	0,85
099C 02 50	Black	QR-111	G53	3x50w	307,26	0,85
099C 52 50	Chrome matt	QR-111	G53	3x50w	307,26	0,85
099C 90 50	Titanium	QR-111	G53	3x50w	307,26	0,85
099C 01 60	White	QR-111	G53	3x60w	318,06	0,85
099C 02 60	Black	QR-111	G53	3x60w	327,60	0,85
099C 52 60	Chrome matt	QR-111	G53	3x60w	327,60	0,85
099C 90 60	Titanium	QR-111	G53	3x60w	327,60	0,85
099C 01 75	White	QR-111	G53	3x75w	308,50	0,85
099C 02 75	Black	QR-111	G53	3x75w	317,75	0,85
099C 52 75	Chrome matt	QR-111	G53	3x75w	317,75	0,85
099C 90 75	Titanium	QR-111	G53	3x75w	317,75	0,85
099C 01 10	White	QR-111	G53	3x100w	308,50	0,85
099C 02 10	Black	QR-111	G53	3x100w	317,75	0,85
099C 52 10	Chrome matt	QR-111	G53	3x100w	317,75	0,85
099C 90 10	Titanium	QR-111	G53	3x100w	317,75	0,85

* Supplied in a standard manner with maximum lamp bevel.

Includes electronic transformers and LED-111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
099B 01 12	White	LED-111	-	3x12w	588,25	0,65	0,60
099B 02 12	Black	LED-111	-	3x12w	605,89	0,65	0,60
099B 52 12	Chrome matt	LED-111	-	3x12w	605,89	0,65	0,60
099B 90 12	Titanium	LED-111	-	3x12w	605,89	0,65	0,60

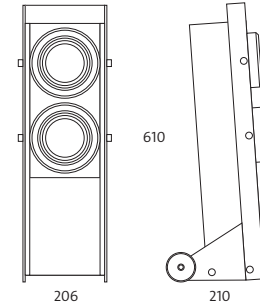
* Supplied in a standard manner with 3100° K lamp

Includes electronic transformers and CDM-R 111 lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
748 01 35C	White	CDM-R 111	GX8.5	3x35w	776,10	0,85	0,90
748 02 35C	Black	CDM-R 111	GX8.5	3x35w	799,38	0,85	0,90
748 52 35C	Chrome matt	CDM-R 111	GX8.5	3x35w	799,38	0,85	0,90
748 90 35C	Titanium	CDM-R 111	GX8.5	3x35w	799,38	0,85	0,90
748 01 70C	White	CDM-R 111	GX8.5	3x70w	784,55	0,85	0,90
748 02 70C	Black	CDM-R 111	GX8.5	3x70w	808,08	0,85	0,90
748 52 70C	Chrome matt	CDM-R 111	GX8.5	3x70w	808,08	0,85	0,90
748 90 70C	Titanium	CDM-R 111	GX8.5	3x70w	808,08	0,85	0,90

* Supplied in a standard manner with maximum lamp bevel.

* Supplied in a standard manner with 3000° K lamp



Tander 2 lamps

Includes electronic transformers and QR-111 lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
098 01 35	White	QR-111	G53	2x35w	231,33	0,85
098 02 35	Black	QR-111	G53	2x35w	238,26	0,85
098 52 35	Chrome matt	QR-111	G53	2x35w	238,26	0,85
098 90 35	Titanium	QR-111	G53	2x35w	238,26	0,85
098 01 50	White	QR-111	G53	2x50w	231,33	0,85
098 02 50	Black	QR-111	G53	2x50w	238,26	0,85
098 52 50	Chrome matt	QR-111	G53	2x50w	238,26	0,85
098 90 50	Titanium	QR-111	G53	2x50w	238,26	0,85
098 01 60	White	QR-111	G53	2x60w	249,56	0,85
098 02 60	Black	QR-111	G53	2x60w	257,04	0,85
098 52 60	Chrome matt	QR-111	G53	2x60w	257,04	0,85
098 90 60	Titanium	QR-111	G53	2x60w	257,04	0,85
098 01 75	White	QR-111	G53	2x75w	245,51	0,85
098 02 75	Black	QR-111	G53	2x75w	252,87	0,85
098 52 75	Chrome matt	QR-111	G53	2x75w	252,87	0,85
098 90 75	Titanium	QR-111	G53	2x75w	252,87	0,85
098 01 10	White	QR-111	G53	2x100w	245,51	0,85
098 02 10	Black	QR-111	G53	2x100w	252,87	0,85
098 52 10	Chrome matt	QR-111	G53	2x100w	252,87	0,85
098 90 10	Titanium	QR-111	G53	2x100w	252,87	0,85

* Supplied in a standard manner with maximum lamp bevel.

Includes electronic transformers and LED-111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
097B 01 12	White	LED-111	-	2x12w	427,16	0,65 0,40
097B 02 12	Black	LED-111	-	2x12w	439,97	0,65 0,40
097B 52 12	Chrome matt	LED-111	-	2x12w	439,97	0,65 0,40
097B 90 12	Titanium	LED-111	-	2x12w	439,97	0,65 0,40

* Supplied in a standard manner with 3100° K lamp

Includes electronic transformers and CDM-R 111 lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
747 01 35C	White	CDM-R 111	GX8.5	2x35w	516,44	0,85 0,60
747 02 35C	Black	CDM-R 111	GX8.5	2x35w	531,93	0,85 0,60
747 52 35C	Chrome matt	CDM-R 111	GX8.5	2x35w	531,93	0,85 0,60
747 90 35C	Titanium	CDM-R 111	GX8.5	2x35w	531,93	0,85 0,60
747 01 70C	White	CDM-R 111	GX8.5	2x70w	557,74	0,85 0,60
747 02 70C	Black	CDM-R 111	GX8.5	2x70w	574,47	0,85 0,60
747 52 70C	Chrome matt	CDM-R 111	GX8.5	2x70w	574,47	0,85 0,60
747 90 70C	Titanium	CDM-R 111	GX8.5	2x70w	574,47	0,85 0,60

* Supplied in a standard manner with maximum lamp bevel.

* Supplied in a standard manner with 3000° K lamp

Rough price increase of driver

Ref. DR	Dimmable driver 1-10V	€
		116,80

OPTIONS	Ref. 04	Ref. 08	Ref. 24	Ref. 45
Bevel	4°	8°	24°	45°
QR-111 35w	•		•	
QR-111 50w	•	•	•	•
QR-111 60w		•	•	•
QR-111 75w		•	•	•
QR-111 100w		•	•	•

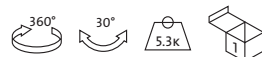
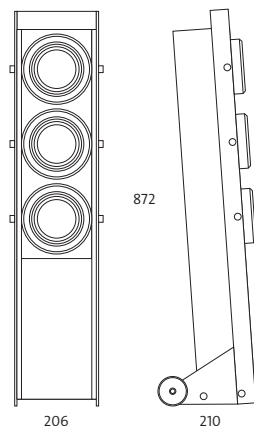
OPTIONS	Ref. 10	Ref. 24	Ref. 40
Bevel	10°	24°	40°
CDM-R 111 35w	•	•	•
CDM-R 111 70w	•	•	•

Example to write a reference with options

Tander 3 lamp QR-111 35w

Ref. **099C 90 35 24**

Titanium 24° bevel





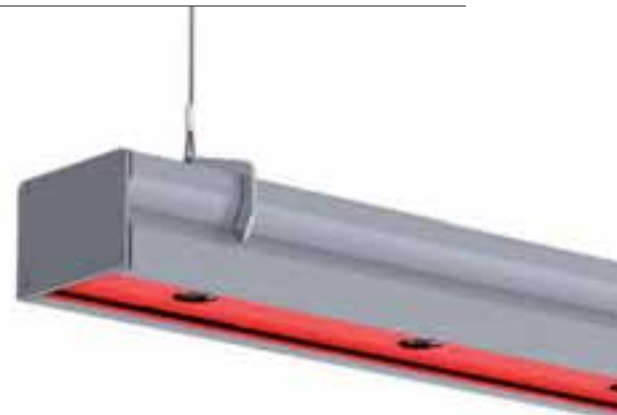


Friedl

Protection degree IP65



- Material:** Extruded aluminium structure, lined with thermo paint, polycarbonate transparent diffuser.
- Optics:** Optics incorporated in the LED lamps.
- Supply:** Electronic equipment included with the lamp, adequate to the LED Lamps power.
- Lamps:** From 6 to 14 LED's Osram Dragon-X, with different powers from 7.3w to 35w according to the model.
- Installation:** Especially designed for food fridges. It can be used directly on surface or on ceiling with 1 meter high suspension (Ref. 3036) (screw not included), suitable for outdoor or damp environment.
- Colours:** Titanium body with internal modules, in white, black, yellow, blue, red and titanium. If requested the external body can be supplied in white, black or chrome matt.
- Options:** Also available in other colours, measures and with accessories to create geometrical structures (Intermediate or 90° connections) Ask for more Information.



Ref. 3036
Suspension kit. Standard version 1 metre length.
Made-to-measure possibility.



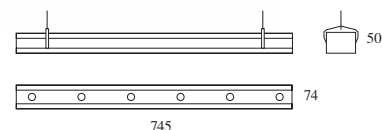
Friedl 745 / 7.3w surface

Includes electronic transformers and 6 leds 1.2w



Ref.	Inside	Lamp	W	€	RAEE lum.
3030 01 86	White	LED	7,3w	407,57	0,30
3030 02 86	Black	LED	7,3w	419,79	0,30
3030 12 86	Yellow	LED	7,3w	419,79	0,30
3030 60 86	Blue	LED	7,3w	419,79	0,30
3030 70 86	Red	LED	7,3w	419,79	0,30
3030 90 86	Titanium	LED	7,3w	419,79	0,30

* Supplied in a standard manner with LED 6500° K lamp



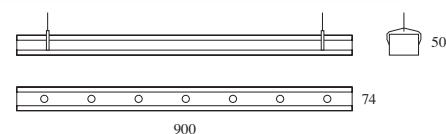
Friedl 900 / 8.5w surface

Includes electronic transformers and 7 leds 1.2w



Ref.	Inside	Lamp	W	€	RAEE lum.
3031 01 86	White	LED	8,5w	470,81	0,30
3031 02 86	Black	LED	8,5w	484,93	0,30
3031 12 86	Yellow	LED	8,5w	484,93	0,30
3031 60 86	Blue	LED	8,5w	484,93	0,30
3031 70 86	Red	LED	8,5w	484,93	0,30
3031 90 86	Titanium	LED	8,5w	484,93	0,30

* Supplied in a standard manner with LED 6500° K lamp



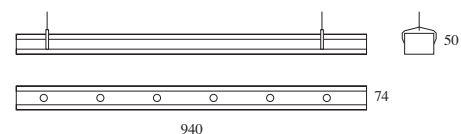
Friedl 940 / 14.6w surface

Includes electronic transformers and 6 leds 2.4w



Ref.	Inside	Lamp	W	€	RAEE lum.
3032 01 86	White	LED	14,6w	513,04	0,30
3032 02 86	Black	LED	14,6w	528,43	0,30
3032 12 86	Yellow	LED	14,6w	528,43	0,30
3032 60 86	Blue	LED	14,6w	528,43	0,30
3032 70 86	Red	LED	14,6w	528,43	0,30
3032 90 86	Titanium	LED	14,6w	528,43	0,30

* Supplied in a standard manner with LED 6500° K lamp

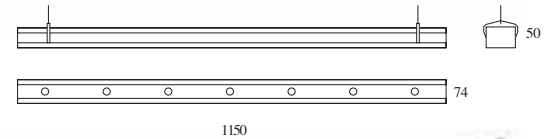


Friled 1150 / 17w surface

Includes electronic transformers and 7 leds 2.4w

Ref.	Inside	Lamp	W	€	RAEE lum.
3033 01 86	White	LED	17w	592,97	0,30
3033 02 86	Black	LED	17w	610,75	0,30
3033 12 86	Yellow	LED	17w	610,75	0,30
3033 60 86	Blue	LED	17w	610,75	0,30
3033 70 86	Red	LED	17w	610,75	0,30
3033 90 86	Titanium	LED	17w	610,75	0,30

* Supplied in a standard manner with LED 6500° K lamp

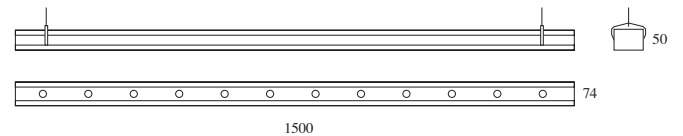


Friled 1500 / 30w surface

Includes electronic transformers and 12 leds 2.4w

Ref.	Inside	Lamp	W	€	RAEE lum.
3034 01 86	White	LED	30w	792,17	0,30
3034 02 86	Black	LED	30w	815,93	0,30
3034 12 86	Yellow	LED	30w	815,93	0,30
3034 60 86	Blue	LED	30w	815,93	0,30
3034 70 86	Red	LED	30w	815,93	0,30
3034 90 86	Titanium	LED	30w	815,93	0,30

* Supplied in a standard manner with LED 6500° K lamp

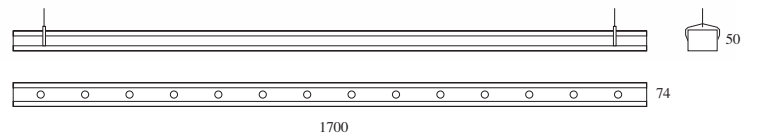
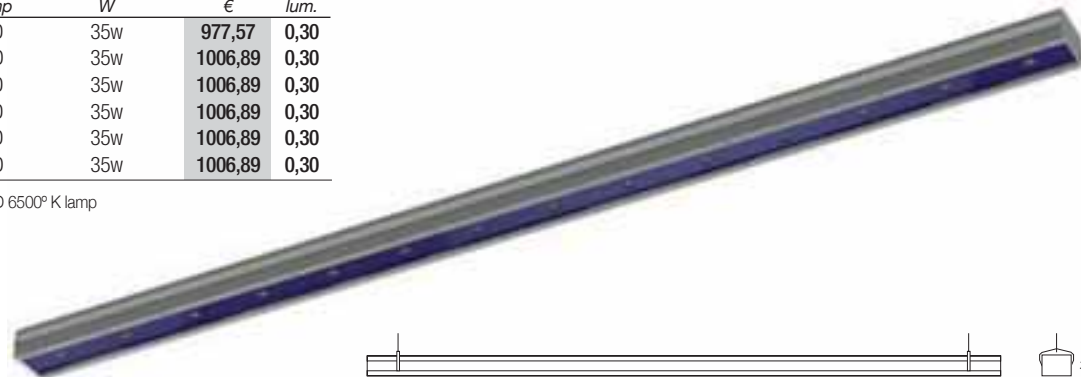


Friled 1700 / 35w surface

Includes electronic transformers and 14 leds 2.4w

Ref.	Inside	Lamp	W	€	RAEE lum.
3035 01 86	White	LED	35w	977,57	0,30
3035 02 86	Black	LED	35w	1006,89	0,30
3035 12 86	Yellow	LED	35w	1006,89	0,30
3035 60 86	Blue	LED	35w	1006,89	0,30
3035 70 86	Red	LED	35w	1006,89	0,30
3035 90 86	Titanium	LED	35w	1006,89	0,30

* Supplied in a standard manner with LED 6500° K lamp



OPTIONS LED OSRAM DRAGON-X

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K
Ref. 86	6500°K

Incremento accesories

	€
Ref. 3036 Suspension kit (2 unid.)	26,20
Ref. 3037 Accessory for intermediate joint	12,00

Incremento accesories

	€ Unidad LED
Ref. 3087 LED Red	5,00
Ref. 3088 LED Green	5,00
Ref. 3089 LED Blue	5,00

Example to write a reference with options



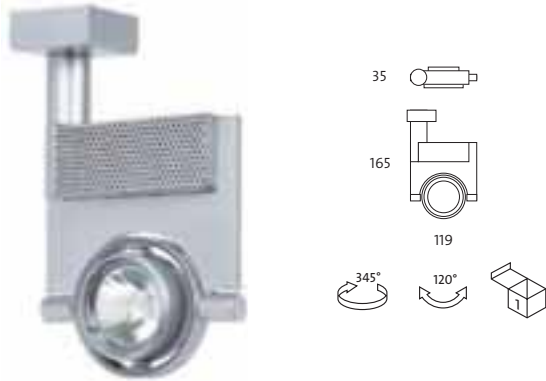
Ref. 3037 Intermediate joint.

Friled 1125 5400°K
 | |
Ref. 3033 02 85 1211
 | |
 InsideBlack Suspension kit

Presscom

Protection degree IP20

- Material:** Injected aluminium and steel thermo painted.
Optics: Optics incorporated in the lamps.
Supply: Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
Lamps: The series of PRESSCOM DC lightings use halogen lamps and LED lamps, suitable for domestic or commercial use.
Installation: Directly screw on ceiling (screw not included).
Colours: Titanium



Presscom DC 1 lamp

Includes electronic transformers and DICHROIC HALOGEN lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
032 90 01 50	Titanium	12v50w	GU5.3	1x50w	134,95	0,30

* Supplied in a standard manner with 36° opening lamp

Includes 2w LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
032L 90 01 02	Titanium	LED	GU-10	1x2w	140,40	0,30 0,20

* Supplied in a standard manner with 3000° K lamp

Includes 4w LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
032L 90 01 04	Titanium	LED	GU-10	1x4w	174,29	0,30 0,20

* Supplied in a standard manner with 3000° K lamp

Includes driver and 5w LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
032L 90 01 05	Titanium	LED	GU5.3	1x5w	179,54	0,30 0,20

* Supplied in a standard manner with 3100° K lamp

Includes driver and LED lamp RGB 3W



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
032L 90 01 03	Titanium	LED	GU5.3	1x3w	186,34	0,30 0,20



Rough increase of accesories

Ref.	Controlador para MR16 LED RGB lamp	€
3080		6,60

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.



Presscom DC 2 lamps

Includes electronic transformers and DICHROIC HALOGEN lamps



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
032 90 02 50	Titanium	12v50w	GU5.3	2x50w	194,42	0,30

* Supplied in a standard manner with 36° opening lamp

Includes 2w LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
032L 90 02 02	Titanium	LED	GU-10	2x2w	205,34	0,30 0,40

* Supplied in a standard manner with 3000° K lamp

Includes 4w LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
032L 90 02 04	Titanium	LED	GU-10	2x4w	278,36	0,30 0,40

* Supplied in a standard manner with 3000° K lamp

Includes driver and 5w LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
032L 90 02 05	Titanium	LED	GU5.3	2x5w	283,62	0,30 0,40

* Supplied in a standard manner with 3100° K lamp

Includes driver and 3W LED lamp RGB



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
032L 90 02 03	Titanium	LED	GU5.3	2x3w	297,21	0,30 0,40



Lipsi DC 1 lamp

Includes electronic transformers and DICHROIC HALOGEN lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
038L 90 01 50	Titanium	12v50w	GU5.3	1x50w	134,95	0,30

* Supplied in a standard manner with 36° opening lamp

Includes 2w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
038L 90 01 02	Titanium	LED	GU-10	1x2w	140,40	0,30 0,20

* Supplied in a standard manner with 3000° K lamp

Includes 4w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
038L 90 01 04	Titanium	LED	GU-10	1x4w	174,29	0,30 0,20

* Supplied in a standard manner with 3000° K lamp

Includes driver and 5w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
038L 90 01 05	Titanium	LED	GU5.3	1x5w	179,54	0,30 0,20

* Supplied in a standard manner with 3100° K lamp

Includes driver and LED lamp RGB 3W

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
038L 90 01 03	Titanium	LED	GU5.3	1x3w	186,34	0,30 0,20

Lipsi

Protection degree IP20

- Material:** Injected aluminium and steel thermo painted.
- Optics:** Optics incorporated in the lamps.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** The series of LIPSI lightings use halogen lamps and LED lamps, suitable for domestic or commercial use.
- Installation:** Directly screw on ceiling (screw not included).
- Colours:** Titanium



Lipsi DC 2 lamps

Includes electronic transformers and DICHROIC HALOGEN lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
038L 90 02 50	Titanium	12v50w	GU5.3	2x50w	200,08	0,30

* Supplied in a standard manner with 36° opening lamp

Includes 2w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
038L 90 02 02	Titanium	LED	GU-10	2x2w	211,00	0,30 0,40

* Supplied in a standard manner with 3000° K lamp

Includes 2w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
038L 90 02 04	Titanium	LED	GU-10	2x4w	284,03	0,30 0,40

* Supplied in a standard manner with 3000° K lamp

Includes driver and 5w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
038L 90 02 05	Titanium	LED	GU5.3	2x5w	293,40	0,30 0,40

* Supplied in a standard manner with 3100° K lamp

Includes driver and 3W LED lamp RGB

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
038L 90 02 03	Titanium	LED	GU5.3	2x3w	302,88	0,30 0,40



Rough increase of accesories

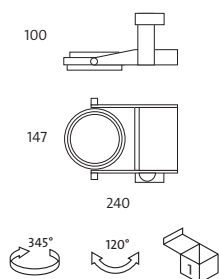
Ref.	Controlador para MR16 LED RGB lamp	€
3080		6,60

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.

Cartem QR/CDM-R/LED


Protection degree IP20

- Material:** Injected aluminium and steel thermo painted.
- Optics:** Optics incorporated in the lamps.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** The series of CARTEM lightings use halogen lamps QR-111 and LED-111 lamps, suitable for domestic or commercial use and metal halide CDMR-111 lamps only recommended in public and/or commercial areas.
- Installation:** Directly screw on ceiling (screw not included).
- Colours:** White, black, chrome matt and titanium.



Cartem 1 lamp


Includes electronic transformers and QR-111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
 030 01 01 35	White	QR-111	G53	1x35w	190,77	0,30
030 01 02 35	Black	QR-111	G53	1x35w	196,49	0,30
030 01 52 35	Chrome matt	QR-111	G53	1x35w	196,49	0,30
030 01 90 35	Titanium	QR-111	G53	1x35w	196,49	0,30
030 01 01 50	White	QR-111	G53	1x50w	190,77	0,30
030 01 02 50	Black	QR-111	G53	1x50w	196,49	0,30
030 01 52 50	Chrome matt	QR-111	G53	1x50w	196,49	0,30
030 01 90 50	Titanium	QR-111	G53	1x50w	196,49	0,30
030 01 01 60	White	QR-111	G53	1x60w	202,25	0,30
030 01 02 60	Black	QR-111	G53	1x60w	208,31	0,30
030 01 52 60	Chrome matt	QR-111	G53	1x60w	208,31	0,30
030 01 90 60	Titanium	QR-111	G53	1x60w	208,31	0,30

* Supplied in a standard manner with maximum lamp bevel.


OPTIONS	Ref. 04	Ref. 08	Ref. 24	Ref. 45
Bevel	4°	8°	24°	45°
QR-111 35w	•		•	
QR-111 50w	•	•	•	•
QR-111 60w		•	•	•

Includes electronic transformers and LED-111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
 030B 01 01 12	White	LED-111	-	1x12w	286,52	0,30 0,20
030B 01 02 12	Black	LED-111	-	1x12w	295,11	0,30 0,20
030B 01 52 12	Chrome matt	LED-111	-	1x12w	295,11	0,30 0,20
030B 01 90 12	Titanium	LED-111	-	1x12w	295,11	0,30 0,20

* Supplied in a standard manner with 3100° K lamp

Includes electronic transformers and CDM-R 111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
 773 01 35	White	CDM-R 111	GX8.5	1x35w	336,91	0,30 0,30
773 02 35	Black	CDM-R 111	GX8.5	1x35w	347,01	0,30 0,30
773 52 35	Chrome matt	CDM-R 111	GX8.5	1x35w	347,01	0,30 0,30
773 90 35	Titanium	CDM-R 111	GX8.5	1x35w	347,01	0,30 0,30

* Supplied in a standard manner with maximum lamp bevel.

* Supplied in a standard manner with 3000° K lamp

OPTIONS LED LAMP

IRC / Colour temperature

Ref. 83	3100°K
Ref. 84	4000°K

OPTIONS	Ref. 10	Ref. 24	Ref. 40
Bevel	10°	24°	40°
CDM-R 111 35w	•	•	•



Cartem

Cartem 2 lamps

Includes electronic transformers and QR-111 lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
030 02 01 35	White	QR-111	G53	2x35w	263,43	0,30
030 02 02 35	Black	QR-111	G53	2x35w	271,33	0,30
030 02 52 35	Chrome matt	QR-111	G53	2x35w	271,33	0,30
030 02 90 35	Titanium	QR-111	G53	2x35w	271,33	0,30
030 02 01 50	White	QR-111	G53	2x50w	263,43	0,30
030 02 02 50	Black	QR-111	G53	2x50w	271,33	0,30
030 02 52 50	Chrome matt	QR-111	G53	2x50w	271,33	0,30
030 02 90 50	Titanium	QR-111	G53	2x50w	271,33	0,30
030 02 01 60	White	QR-111	G53	2x60w	286,60	0,30
030 02 02 60	Black	QR-111	G53	2x60w	295,19	0,30
030 02 52 60	Chrome matt	QR-111	G53	2x60w	295,19	0,30
030 02 90 60	Titanium	QR-111	G53	2x60w	295,19	0,30

* Supplied in a standard manner with maximum lamp bevel.

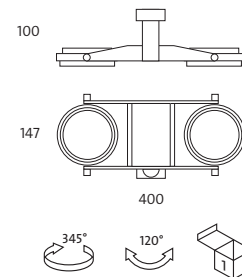
OPTIONS	Ref. 04	Ref. 08	Ref. 24	Ref. 45
Bevel	4°	8°	24°	45°
QR-111 35w	•		•	
QR-111 50w	•	•	•	•
QR-111 60w		•	•	•



Includes electronic transformers and LED-111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
030B 02 01 12	White	LED-111	-	2x12w	454,93	0,30 0,40
030B 02 02 12	Black	LED-111	-	2x12w	465,57	0,30 0,40
030B 02 52 12	Chrome matt	LED-111	-	2x12w	465,57	0,30 0,40
030B 02 90 12	Titanium	LED-111	-	2x12w	465,57	0,30 0,40

* Supplied in a standard manner with 3100° K lamp



Includes electronic transformers and CDM-R 111 lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
775 01 35	White	CDM-R 111	GX8.5	2x35w	567,53	0,30 0,60
775 02 35	Black	CDM-R 111	GX8.5	2x35w	570,53	0,30 0,60
775 52 35	Chrome matt	CDM-R 111	GX8.5	2x35w	570,53	0,30 0,60
775 90 35	Titanium	CDM-R 111	GX8.5	2x35w	570,53	0,30 0,60

* Supplied in a standard manner with maximum lamp bevel.

* Supplied in a standard manner with 3000° K lamp

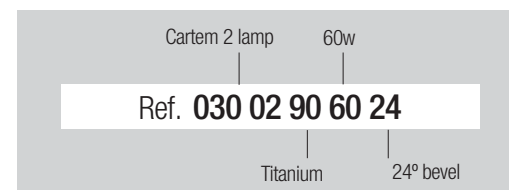
OPTIONS LED LAMP

IRC / Colour temperature	Ref. 83	Ref. 84
	3100°K	4000°K

OPTIONS	Ref. 10	Ref. 24	Ref. 40
Bevel	10°	24°	40°
CDM-R 111 35w	•	•	•

Rough price increase of driver	€
Ref. DR Dimmable driver 1-10V	116,80

Example to write a reference with options




Polaris QR-111/ CDM-R 111/ LED-111

Protection degree IP20

- Material:** Injected aluminium and steel thermo painted.
Optics: Optics incorporated in the lamps.
Supply: Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
Lamps: It uses halogen lamps QR-111, metal halide CDMR-111 lamps and LED-111 lamps, suitable for public and/or commercial areas.
Installation: Directly screw on ceiling (screw not included).
Colours: White, black and titanium.

**Polaris QR-111**

Includes electronic transformers and QR-111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
 713Q 01 35	White	QR-111	G53	35w	113,01	0,30
713Q 02 35	Black	QR-111	G53	35w	116,40	0,30
713Q 52 35	Chrome matt	QR-111	G53	35w	116,40	0,30
713Q 90 35	Titanium	QR-111	G53	35w	116,40	0,30
713Q 01 50	White	QR-111	G53	50w	113,01	0,30
713Q 02 50	Black	QR-111	G53	50w	116,40	0,30
713Q 52 50	Chrome matt	QR-111	G53	50w	116,40	0,30
713Q 90 50	Titanium	QR-111	G53	50w	116,40	0,30
713Q 01 60	White	QR-111	G53	60w	123,70	0,30
713Q 02 60	Black	QR-111	G53	60w	127,41	0,30
713Q 52 60	Chrome matt	QR-111	G53	60w	127,41	0,30
713Q 90 60	Titanium	QR-111	G53	60w	127,41	0,30
713Q 01 75	White	QR-111	G53	75w	119,60	0,30
713Q 02 75	Black	QR-111	G53	75w	123,18	0,30
713Q 52 75	Chrome matt	QR-111	G53	75w	123,18	0,30
713Q 90 75	Titanium	QR-111	G53	75w	123,18	0,30
713Q 01 10	White	QR-111	G53	100w	119,60	0,30
713Q 02 10	Black	QR-111	G53	100w	123,18	0,30
713Q 52 10	Chrome matt	QR-111	G53	100w	123,18	0,30
713Q 90 10	Titanium	QR-111	G53	100w	123,18	0,30

* Supplied in a standard manner with maximum lamp bevel.

OPTIONS	Ref. 04	Ref. 08	Ref. 24	Ref. 45
Bevel	4°	8°	24°	45°
QR-111 35w	•		•	
QR-111 50w	•	•	•	•
QR-111 60w		•	•	•
QR-111 75w		•	•	•
QR-111 100w		•	•	•

Polaris LED-111

Includes electronic transformers and LED-111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp	
713B 01 12	White	LED-111	-	12w	211,00	0,30	0,20
713B 02 12	Black	LED-111	-	12w	217,33	0,30	0,20
713B 52 12	Chrome matt	LED-111	-	12w	217,33	0,30	0,20
713B 90 12	Titanium	LED-111	-	12w	217,33	0,30	0,20

* Supplied in a standard manner with 3100° K lamp

OPTIONS LED LAMP

IRC / Colour temperature

Ref. 83	3100°K
Ref. 84	4000°K

Polaris CDM-R 111

Includes electronic transformers and CDM-R 111 lamps

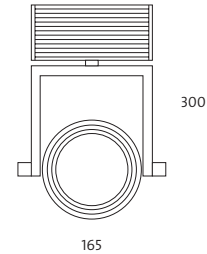
Ref.	Colour	Lamp	Portal.	W	€	RAEE lum. lamp	
713 01 35	White	CDM-R 111 GX8.5	35w	35w	310,29	0,30	0,30
713 02 35	Black	CDM-R 111 GX8.5	35w	35w	319,59	0,30	0,30
713 52 35	Chrome matt	CDM-R 111 GX8.5	35w	35w	319,59	0,30	0,30
713 90 35	Titanium	CDM-R 111 GX8.5	35w	35w	319,59	0,30	0,30
713 01 70	White	CDM-R 111 GX8.5	70w	70w	310,62	0,30	0,30
713 02 70	Black	CDM-R 111 GX8.5	70w	70w	319,93	0,30	0,30
713 52 70	Chrome matt	CDM-R 111 GX8.5	70w	70w	319,93	0,30	0,30
713 90 70	Titanium	CDM-R 111 GX8.5	70w	70w	319,93	0,30	0,30

* Supplied in a standard manner with maximum lamp bevel.

* Supplied in a standard manner with 3000° K lamp

OPTIONS

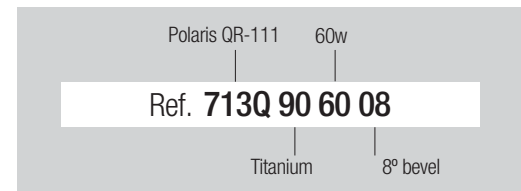
	Ref. 10	Ref. 24	Ref. 40
Bevel	10°	24°	40°
CDM-R 111 35w	•	•	•
CDM-R 111 70w	•	•	•



Rough price increase of driver

Ref. DR	Dimmable driver 1-10V	€
		116,80

Example to write a reference with options



Sonek

Protection degree IP20

- Material: Aluminium inyectado.
- Supply: Directa 220v. para portalámparas E-27
- Lamps: Admite todo tipo de lámpas para E-27, desde incandescencia hasta bajo consumo.
- Installation: Directamente a techo mediante tornillería (no suministrada).
- Colours: Aluminium.

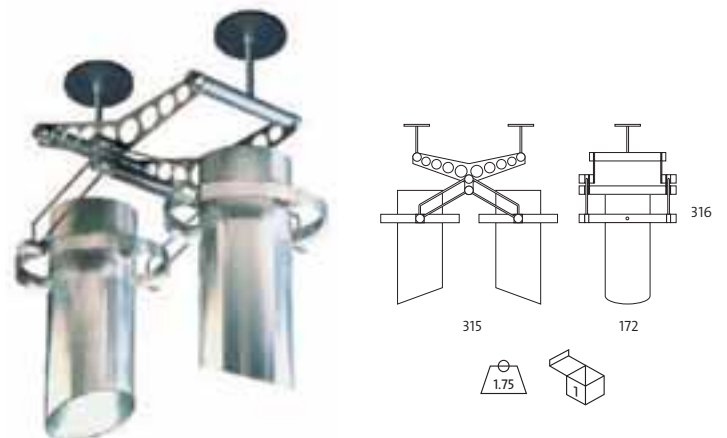
Without lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	
071 00	Aluminium	-	E-27	Max.40w	258,80	0,30	

Includes R-63 320 lumens LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp	
071 00 06	Aluminium	LED	E-27	6w	373,13	0,30	0,20

* Supplied in a standard manner with 4000° K lamp








Lartub

Protection degree IP20

- Material:** Aluminium thermo painted.
Optics: Optics incorporated in the lamps.
Supply: Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
Lamps: The series of LARTUB lightings use dichroic halogen lamps, QR-111 and LED-111 lamps, suitable for domestic or commercial use and metal halide CDMR-111 lamps only recommended in public and/or commercial areas.
Installation: Directly screw on ceiling or on wall (screw not included) or hang up with a suspension.
Colours: White, black, chrome matt and titanium.

Lartub DICHROIC HALOGEN surface

Includes electronic transformers and DICHROIC HALOGEN lamp


Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
 1067 01 50	White	12v50w	GU5.3	50w	71,48	0,30
1067 02 50	Black	12v50w	GU5.3	50w	73,62	0,30
1067 52 50	Chrome matt	12v50w	GU5.3	50w	73,62	0,30
1067 70 50	Red	12v50w	GU5.3	50w	73,62	0,30
1067 90 50	Titanium	12v50w	GU5.3	50w	73,62	0,30

* Supplied in a standard manner with 36° opening lamp

Lartub LED 7,2w surface




Includes driver and 7,2w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
 1066 01 09	White	LED	-	7,2w	179,68	0,30	0,20
1066 02 09	Black	LED	-	7,2w	185,07	0,30	0,20
1066 52 09	Chrome matt	LED	-	7,2w	185,07	0,30	0,20
1066 70 09	Red	LED	-	7,2w	185,07	0,30	0,20
1066 90 09	Titanium	LED	-	7,2w	185,07	0,30	0,20

* Supplied in a standard manner with 3300° K lamp


Lartub LED 3w RGB surface

Includes driver and MR16 LED RGB lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
 1066 01 03	White	LED	GU5.3	3w	122,87	0,30	0,20
1066 02 03	Black	LED	GU5.3	3w	126,55	0,30	0,20
1066 52 03	Chrome matt	LED	GU5.3	3w	126,55	0,30	0,20
1066 70 03	Red	LED	GU5.3	3w	126,55	0,30	0,20
1066 90 03	Titanium	LED	GU5.3	3w	126,55	0,30	0,20

Lartub LED 4w surface

Includes 4w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
 1066 01 04	White	LED	GU-10	4w	149,81	0,30	0,20
1066 02 04	Black	LED	GU-10	4w	155,20	0,30	0,20
1066 52 04	Chrome matt	LED	GU-10	4w	155,20	0,30	0,20
1066 70 04	Red	LED	GU-10	4w	155,20	0,30	0,20
1066 90 04	Titanium	LED	GU-10	4w	155,20	0,30	0,20

* Supplied in a standard manner with 3000° K lamp

OPTIONS 7,2w LED lamp

Rough price increase of driver

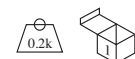
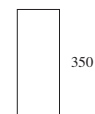
Ref.	DR	Dimmable driver 1-10V	€
			34,00



Rough increase of accesories

Ref.	3080	Controlador para MR16 LED RGB lamp	€
			6,60

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.



Lartub DICHROIC HALOGEN suspension

Includes electronic transformers and DICHROIC HALOGEN lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp	
1062 01 50	White	12v50w	GU5.3	50w	79,10	0,30	0,30
1062 02 50	Black	12v50w	GU5.3	50w	81,47	0,30	0,30
1062 52 50	Chrome matt	12v50w	GU5.3	50w	81,47	0,30	0,30
1062 70 50	Red	12v50w	GU5.3	50w	81,47	0,30	0,30
1062 90 50	Titanium	12v50w	GU5.3	50w	81,47	0,30	0,30

* Supplied in a standard manner with 36° opening lamp

Lartub DICHROIC HALOGEN wall

Includes electronic transformers and DICHROIC HALOGEN lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp	
1072 01 50	White	12v50w	GU5.3	50w	108,76	0,30	0,30
1072 02 50	Black	12v50w	GU5.3	50w	112,02	0,30	0,30
1072 52 50	Chrome matt	12v50w	GU5.3	50w	112,02	0,30	0,30
1072 70 50	Red	12v50w	GU5.3	50w	112,02	0,30	0,30
1072 90 50	Titanium	12v50w	GU5.3	50w	112,02	0,30	0,30

* Supplied in a standard manner with 36° opening lamp

Lartub LED 7,2w suspension

Includes driver and 7,2w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp	
1061 01 09	White	LED	-	7,2w	204,76	0,30	0,20
1061 02 09	Black	LED	-	7,2w	210,90	0,30	0,20
1061 52 09	Chrome matt	LED	-	7,2w	210,90	0,30	0,20
1061 70 09	Red	LED	-	7,2w	210,90	0,30	0,20
1061 90 09	Titanium	LED	-	7,2w	210,90	0,30	0,20

* Supplied in a standard manner with 3300° K lamp

Lartub LED 7,2w wall

Includes driver and 7,2w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp	
1071 01 09	White	LED	-	7,2w	217,12	0,30	0,20
1071 02 09	Black	LED	-	7,2w	223,63	0,30	0,20
1071 52 09	Chrome matt	LED	-	7,2w	223,63	0,30	0,20
1071 70 09	Red	LED	-	7,2w	223,63	0,30	0,20
1071 90 09	Titanium	LED	-	7,2w	223,63	0,30	0,20

* Supplied in a standard manner with 3300° K lamp

Lartub LED 3w RGB suspension

Includes driver and MR16 LED RGB lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp	
1061 01 03	White	LED	GU5.3	3w	130,50	0,30	0,20
1061 02 03	Black	LED	GU5.3	3w	134,41	0,30	0,20
1061 52 03	Chrome matt	LED	GU5.3	3w	134,41	0,30	0,20
1061 70 03	Red	LED	GU5.3	3w	134,41	0,30	0,20
1061 90 03	Titanium	LED	GU5.3	3w	134,41	0,30	0,20

Lartub LED 3w RGB wall

Includes driver and MR16 LED RGB lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp	
1071 01 03	White	LED	GU5.3	3w	160,16	0,30	0,20
1071 02 03	Black	LED	GU5.3	3w	164,96	0,30	0,20
1071 52 03	Chrome matt	LED	GU5.3	3w	164,96	0,30	0,20
1071 70 03	Red	LED	GU5.3	3w	164,96	0,30	0,20
1071 90 03	Titanium	LED	GU5.3	3w	164,96	0,30	0,20

Lartub LED 4w suspension

Includes 4w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp	
1061 01 04	White	LED	GU-10	4w	174,89	0,30	0,20
1061 02 04	Black	LED	GU-10	4w	181,03	0,30	0,20
1061 52 04	Chrome matt	LED	GU-10	4w	181,03	0,30	0,20
1061 70 04	Red	LED	GU-10	4w	181,03	0,30	0,20
1061 90 04	Titanium	LED	GU-10	4w	181,03	0,30	0,20

* Supplied in a standard manner with 3000° K lamp

Lartub LED 4w wall

Includes 4w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp	
1071 01 04	White	LED	-	4w	187,25	0,30	0,20
1071 02 04	Black	LED	-	4w	193,76	0,30	0,20
1071 52 04	Chrome matt	LED	-	4w	193,76	0,30	0,20
1071 70 04	Red	LED	-	4w	193,76	0,30	0,20
1071 90 04	Titanium	LED	-	4w	193,76	0,30	0,20

* Supplied in a standard manner with 3000° K lamp



Lartub

Lartub CDM-R111 wall

Includes electronic transformers and CDM-R 111 lamp

Ref.	Colour	Lamp	L/H	W	€	lum.	RAEE lamp
1074 01 35	White	CDM-R 111	GX8.5	35w	297,46	0,30	0,30
1074 02 35	Black	CDM-R 111	GX8.5	35w	306,38	0,30	0,30
1074 52 35	Chrome matt	CDM-R 111	GX8.5	35w	306,38	0,30	0,30
1074 70 35	Red	CDM-R 111	GX8.5	35w	306,38	0,30	0,30
1074 90 35	Titanium	CDM-R 111	GX8.5	35w	306,38	0,30	0,30
1074 01 70	White	CDM-R 111	GX8.5	70w	298,65	0,30	0,30
1074 02 70	Black	CDM-R 111	GX8.5	70w	307,60	0,30	0,30
1074 52 70	Chrome matt	CDM-R 111	GX8.5	70w	307,60	0,30	0,30
1074 70 70	Red	CDM-R 111	GX8.5	70w	307,60	0,30	0,30
1074 90 70	Titanium	CDM-R 111	GX8.5	70w	307,60	0,30	0,30

* Supplied in a standard manner with maximum lamp bevel.
 * Supplied in a standard manner with 3000° K lamp

Lartub LED-111 wall

Includes electronic transformers and LED-111 lamp

Ref.	Colour	Lamp	L/H	W	€	lum.	RAEE lamp
1073L 01 12	White	LED-111	-	12w	292,92	0,30	0,20
1073L 02 12	Black	LED-111	-	12w	301,71	0,30	0,20
1073L 52 12	Chrome matt	LED-111	-	12w	301,71	0,30	0,20
1073L 70 12	Red	LED-111	-	12w	301,71	0,30	0,20
1073L 90 12	Titanium	LED-111	-	12w	301,71	0,30	0,20

* Supplied in a standard manner with 3100° K lamp

Lartub QR-111 wall

Includes electronic transformers and QR-111 lamp

Ref.	Colour	Lamp	L/H	W	€	lum.	RAEE lamp
1073 01 35	White	QR-111	G53	35w	191,37	0,30	
1073 02 35	Black	QR-111	G53	35w	197,11	0,30	
1073 52 35	Chrome matt	QR-111	G53	35w	197,11	0,30	
1073 70 35	Red	QR-111	G53	35w	197,11	0,30	
1073 90 35	Titanium	QR-111	G53	35w	197,11	0,30	
1073 01 50	White	QR-111	G53	50w	191,47	0,30	
1073 02 50	Black	QR-111	G53	50w	197,21	0,30	
1073 52 50	Chrome matt	QR-111	G53	50w	197,21	0,30	
1073 70 50	Red	QR-111	G53	50w	197,21	0,30	
1073 90 50	Titanium	QR-111	G53	50w	197,21	0,30	
1073 01 60	White	QR-111	G53	60w	197,45	0,30	
1073 02 60	Black	QR-111	G53	60w	203,37	0,30	
1073 52 60	Chrome matt	QR-111	G53	60w	203,37	0,30	
1073 70 60	Red	QR-111	G53	60w	203,37	0,30	
1073 90 60	Titanium	QR-111	G53	60w	203,37	0,30	
1073 01 75	White	QR-111	G53	75w	193,43	0,30	
1073 02 75	Black	QR-111	G53	75w	199,23	0,30	
1073 52 75	Chrome matt	QR-111	G53	75w	199,23	0,30	
1073 70 75	Red	QR-111	G53	75w	199,23	0,30	
1073 90 75	Titanium	QR-111	G53	75w	199,23	0,30	
1073 01 10	White	QR-111	G53	100w	193,47	0,30	
1073 02 10	Black	QR-111	G53	100w	199,23	0,30	
1073 52 10	Chrome matt	QR-111	G53	100w	199,23	0,30	
1073 70 10	Red	QR-111	G53	100w	199,23	0,30	
1073 90 10	Titanium	QR-111	G53	100w	199,23	0,30	

* Supplied in a standard manner with maximum lamp bevel.

Lartub CDM-R 111 surface

Includes electronic transformers and CDM-R 111 lamp

Ref.	Colour	Lamp	L/H	W	€	lum.	RAEE lamp
1069 01 35	White	CDM-R 111	GX8.5	35w	261,72	0,30	0,30
1069 02 35	Black	CDM-R 111	GX8.5	35w	269,57	0,30	0,30
1069 52 35	Chrome matt	CDM-R 111	GX8.5	35w	269,57	0,30	0,30
1069 70 35	Red	CDM-R 111	GX8.5	35w	269,57	0,30	0,30
1069 90 35	Titanium	CDM-R 111	GX8.5	35w	269,57	0,30	0,30
1069 01 70	White	CDM-R 111	GX8.5	70w	262,54	0,30	0,30
1069 02 70	Black	CDM-R 111	GX8.5	70w	270,41	0,30	0,30
1069 52 70	Chrome matt	CDM-R 111	GX8.5	70w	270,41	0,30	0,30
1069 70 70	Red	CDM-R 111	GX8.5	70w	270,41	0,30	0,30
1069 90 70	Titanium	CDM-R 111	GX8.5	70w	270,41	0,30	0,30

* Supplied in a standard manner with maximum lamp bevel.
 * Supplied in a standard manner with 3000° K lamp

Lartub LED-111 surface

Includes electronic transformers and LED-111 lamp

Ref.	Colour	Lamp	L/H	W	€	lum.	RAEE lamp
1068L 01 12	White	LED-111	-	12w	234,71	0,30	0,20
1068L 02 12	Black	LED-111	-	12w	241,75	0,30	0,20
1068L 52 12	Chrome matt	LED-111	-	12w	241,75	0,30	0,20
1068L 70 12	Red	LED-111	-	12w	241,75	0,30	0,20
1068L 90 12	Titanium	LED-111	-	12w	241,75	0,30	0,20

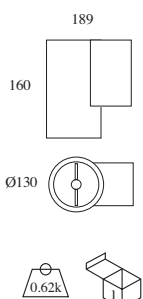
* Supplied in a standard manner with 3100° K lamp

Lartub QR-111 surface

Includes electronic transformers and QR-111 lamp

Ref.	Colour	Lamp	L/H	W	€	lum.	RAEE lamp
1068 01 35	White	QR-111	G53	35w	133,15	0,30	
1068 02 35	Black	QR-111	G53	35w	137,14	0,30	
1068 52 35	Chrome matt	QR-111	G53	35w	137,14	0,30	
1068 70 35	Red	QR-111	G53	35w	137,14	0,30	
1068 90 35	Titanium	QR-111	G53	35w	137,14	0,30	
1068 01 50	White	QR-111	G53	50w	133,17	0,30	
1068 02 50	Black	QR-111	G53	50w	137,16	0,30	
1068 52 50	Chrome matt	QR-111	G53	50w	137,16	0,30	
1068 70 50	Red	QR-111	G53	50w	137,16	0,30	
1068 90 50	Titanium	QR-111	G53	50w	137,16	0,30	
1068 01 60	White	QR-111	G53	60w	139,25	0,30	
1068 02 60	Black	QR-111	G53	60w	143,42	0,30	
1068 52 60	Chrome matt	QR-111	G53	60w	143,42	0,30	
1068 70 60	Red	QR-111	G53	60w	143,42	0,30	
1068 90 60	Titanium	QR-111	G53	60w	143,42	0,30	
1068 01 75	White	QR-111	G53	75w	135,25	0,30	
1068 02 75	Black	QR-111	G53	75w	139,30	0,30	
1068 52 75	Chrome matt	QR-111	G53	75w	139,30	0,30	
1068 70 75	Red	QR-111	G53	75w	139,30	0,30	
1068 90 75	Titanium	QR-111	G53	75w	139,30	0,30	
1068 01 10	White	QR-111	G53	100w	135,28	0,30	
1068 02 10	Black	QR-111	G53	100w	139,33	0,30	
1068 52 10	Chrome matt	QR-111	G53	100w	139,33	0,30	
1068 70 10	Red	QR-111	G53	100w	139,33	0,30	
1068 90 10	Titanium	QR-111	G53	100w	139,33	0,30	

* Supplied in a standard manner with maximum lamp bevel.



OPTIONS LED OSRAM DRAGON-X

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K
Ref. 86	6500°K

OPTIONS LED LAMP

IRC / Colour temperature

Ref. 83	3100°K
Ref. 84	4000°K

Lartub



Lartub CDM-R111 suspension

Includes electronic transformers and CDM-R 111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp	
1064 01 35	White	CDM-R 111 GX8.5 35w	65	35w	276,50	0,30	0,30
1064 02 35	Black	CDM-R 111 GX8.5 35w	65	35w	284,79	0,30	0,30
1064 52 35	Chrome matt	CDM-R 111 GX8.5 35w	65	35w	284,79	0,30	0,30
1064 70 35	Red	CDM-R 111 GX8.5 35w	65	35w	284,79	0,30	0,30
1064 90 35	Titanium	CDM-R 111 GX8.5 35w	65	35w	284,79	0,30	0,30
1064 01 70	White	CDM-R 111 GX8.5 70w	65	70w	276,65	0,30	0,30
1064 02 70	Black	CDM-R 111 GX8.5 70w	65	70w	284,94	0,30	0,30
1064 52 70	Chrome matt	CDM-R 111 GX8.5 70w	65	70w	284,94	0,30	0,30
1064 70 70	Red	CDM-R 111 GX8.5 70w	65	70w	284,94	0,30	0,30
1064 90 70	Titanium	CDM-R 111 GX8.5 70w	65	70w	284,94	0,30	0,30

* Supplied in a standard manner with maximum lamp level.

* Supplied in a standard manner with 3000° K lamp

Lartub LED-111 suspension

Includes electronic transformers and LED-111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp	
1063L 01 12	White	LED-111 - 12w	-	12w	268,72	0,30	0,20
1063L 02 12	Black	LED-111 - 12w	-	12w	276,78	0,30	0,20
1063L 52 12	Chrome matt	LED-111 - 12w	-	12w	276,78	0,30	0,20
1063L 70 12	Red	LED-111 - 12w	-	12w	276,78	0,30	0,20
1063L 90 12	Titanium	LED-111 - 12w	-	12w	276,78	0,30	0,20

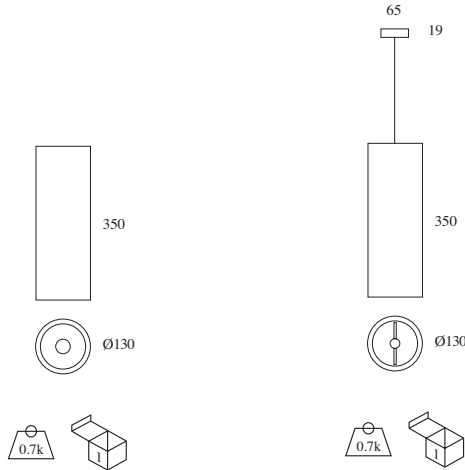
* Supplied in a standard manner with 3100° K lamp

Lartub QR-111 suspension

Includes electronic transformers and QR-111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	
1063 01 35	White	QR-111 G53 35w	65	35w	154,29	0,30	
1063 02 35	Black	QR-111 G53 35w	65	35w	158,91	0,30	
1063 52 35	Chrome matt	QR-111 G53 35w	65	35w	158,91	0,30	
1063 70 35	Red	QR-111 G53 35w	65	35w	158,91	0,30	
1063 90 35	Titanium	QR-111 G53 35w	65	35w	158,91	0,30	
1063 01 50	White	QR-111 G53 50w	65	50w	154,34	0,30	
1063 02 50	Black	QR-111 G53 50w	65	50w	158,97	0,30	
1063 52 50	Chrome matt	QR-111 G53 50w	65	50w	158,97	0,30	
1063 70 50	Red	QR-111 G53 50w	65	50w	158,97	0,30	
1063 90 50	Titanium	QR-111 G53 50w	65	50w	158,97	0,30	
1063 01 60	White	QR-111 G53 60w	65	60w	159,75	0,30	
1063 02 60	Black	QR-111 G53 60w	65	60w	164,54	0,30	
1063 52 60	Chrome matt	QR-111 G53 60w	65	60w	164,54	0,30	
1063 70 60	Red	QR-111 G53 60w	65	60w	164,54	0,30	
1063 90 60	Titanium	QR-111 G53 60w	65	60w	164,54	0,30	
1063 01 75	White	QR-111 G53 75w	65	75w	155,73	0,30	
1063 02 75	Black	QR-111 G53 75w	65	75w	160,40	0,30	
1063 52 75	Chrome matt	QR-111 G53 75w	65	75w	160,40	0,30	
1063 70 75	Red	QR-111 G53 75w	65	75w	160,40	0,30	
1063 90 75	Titanium	QR-111 G53 75w	65	75w	160,40	0,30	
1063 01 10	White	QR-111 G53 100w	65	100w	155,75	0,30	
1063 02 10	Black	QR-111 G53 100w	65	100w	160,42	0,30	
1063 52 10	Chrome matt	QR-111 G53 100w	65	100w	160,42	0,30	
1063 70 10	Red	QR-111 G53 100w	65	100w	160,42	0,30	
1063 90 10	Titanium	QR-111 G53 100w	65	100w	160,42	0,30	

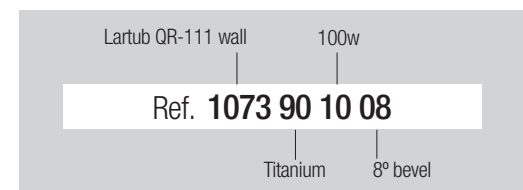
* Supplied in a standard manner with maximum lamp level.



OPTIONS	Ref. 04	Ref. 08	Ref. 24	Ref. 45
Bevel	4°	8°	24°	45°
QR-111 35w	•		•	
QR-111 50w	•	•	•	•
QR-111 60w		•	•	•
QR-111 75w		•	•	•
QR-111 100w		•	•	•

OPTIONS	Ref. 10	Ref. 24	Ref. 40
Bevel	10°	24°	40°
CDM-R 111 35w	•	•	•
CDM-R 111 70w	•	•	•

Example to write a reference with options



Smurfit

Protection degree IP20

- Material:** Aluminium thermo painted.
- Optics:** Optics incorporated in the lamps.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** The series of SMURFIT lightings use dichroic halogen lamps, QR-111 and LED-111 lamps, suitable for domestic or commercial use and metal halide CDMR-111 lamps only recommended in public and/or commercial areas.
- Installation:** Directly screw on ceiling or on wall (screw not included) or hang up with a suspension.
- Colours:** White, black, chrome matt and titanium.



Smurfit 2 DICHROIC HALOGEN lamps surface

Includes electronic transformers and DICHROIC HALOGEN lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
1093 01	White	12v50w	GU5.3	2x50w	163,15	0,30
1093 02	Black	12v50w	GU5.3	2x50w	170,10	0,30
1093 52	Chrome matt	12v50w	GU5.3	2x50w	170,10	0,30
1093 90	Titanium	12v50w	GU5.3	2x50w	170,10	0,30

* Supplied in a standard manner with 36° opening lamp

Smurfit 2 LED lamps 2x4w surface

Includes 4w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
1097 01 04	White	LED	GU-10	2x4w	253,58	0,30 0,40
1097 02 04	Black	LED	GU-10	2x4w	256,67	0,30 0,40
1097 52 04	Chrome matt	LED	GU-10	2x4w	256,67	0,30 0,40
1097 90 04	Titanium	LED	GU-10	2x4w	256,67	0,30 0,40

* Supplied in a standard manner with 3000° K lamp

Smurfit 2 LED lamps 2x7,2w surface

Includes driver and 7,2w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
1097 01	White	LED	-	2x7,2w	344,22	0,30 0,40
1097 02	Black	LED	-	2x7,2w	354,54	0,30 0,40
1097 52	Chrome matt	LED	-	2x7,2w	354,54	0,30 0,40
1097 90	Titanium	LED	-	2x7,2w	354,54	0,30 0,40

* Supplied in a standard manner with 3300° K lamp

Smurfit 2 LED lamps 2x3w RGB surface

Includes driver and MR16 LED RGB lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
1097 01 03	White	LED	GU5.3	2x3w	265,94	0,30 0,40
1097 02 03	Black	LED	GU5.3	2x3w	269,03	0,30 0,40
1097 52 03	Chrome matt	LED	GU5.3	2x3w	269,03	0,30 0,40
1097 90 03	Titanium	LED	GU5.3	2x3w	269,03	0,30 0,40



Rough increase of accesories

Ref.	Controlador para MR16 LED RGB lamp	€
3080	Controlador para MR16 LED RGB lamp	6,60

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.

Smurfit 3 DICHROIC HALOGEN lamps surface

Includes electronic transformers and DICHROIC HALOGEN lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
1095 01	White	12v50w	GU5.3	3x50w	167,58	0,30
1095 02	Black	12v50w	GU5.3	3x50w	172,91	0,30
1095 52	Chrome matt	12v50w	GU5.3	3x50w	172,91	0,30
1095 90	Titanium	12v50w	GU5.3	3x50w	172,91	0,30

* Supplied in a standard manner with 36° opening lamp

Smurfit 3 LED lamps 3x4w surface

Includes 4w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
1099 01 04	White	LED	GU-10	3x4w	303,23	0,30 0,60
1099 02 04	Black	LED	GU-10	3x4w	312,88	0,30 0,60
1099 52 04	Chrome matt	LED	GU-10	3x4w	312,88	0,30 0,60
1099 90 04	Titanium	LED	GU-10	3x4w	312,88	0,30 0,60

* Supplied in a standard manner with 3000° K lamp

Smurfit 3 LED lamps 3x7,2w surface

Includes driver and 7,2w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
1099 01	White	LED	-	3x7,2w	383,26	0,30 0,60
1099 02	Black	LED	-	3x7,2w	394,75	0,30 0,60
1099 52	Chrome matt	LED	-	3x7,2w	394,75	0,30 0,60
1099 90	Titanium	LED	-	3x7,2w	394,75	0,30 0,60

* Supplied in a standard manner with 3300° K lamp

Smurfit 3 LED lamps 3x3w RGB surface

Includes driver and MR16 LED RGB lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
1099 01 03	White	LED	GU5.3	3x3w	321,77	0,30 0,60
1099 02 03	Black	LED	GU5.3	3x3w	331,42	0,30 0,60
1099 52 03	Chrome matt	LED	GU5.3	3x3w	331,42	0,30 0,60
1099 90 03	Titanium	LED	GU5.3	3x3w	331,42	0,30 0,60



Smurfit 1 LED lamps-111 surface

Includes electronic transformers and LED-111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
1111 01 12	White	LED	-	1x12w	286,95	0,30 0,20
1111 02 12	Black	LED	-	1x12w	295,55	0,30 0,20
1111 52 12	Chrome matt	LED	-	1x12w	295,55	0,30 0,20
1111 90 12	Titanium	LED	-	1x12w	295,55	0,30 0,20

* Supplied in a standard manner with 3100° K lamp

OPTIONS LED LAMP

IRC / Colour temperature

Ref. 83	3100°K
Ref. 84	4000°K



Smurfit CDM-R 111 surface

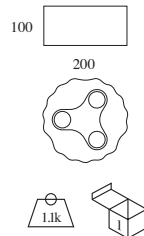
Includes electronic transformers and CDM-R 111 lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
1109 01 35	White	CDM-R	GX8.5	35w	317,34	0,30	0,30
1109 02 35	Black	CDM-R	GX8.5	35w	326,86	0,30	0,30
1109 52 35	Chrome matt	CDM-R	GX8.5	35w	326,86	0,30	0,30
1109 90 35	Titanium	CDM-R	GX8.5	35w	326,86	0,30	0,30
1109 01 70	White	CDM-R	GX8.5	70w	318,68	0,30	0,30
1109 02 70	Black	CDM-R	GX8.5	70w	328,24	0,30	0,30
1109 52 70	Chrome matt	CDM-R	GX8.5	70w	328,24	0,30	0,30
1109 90 70	Titanium	CDM-R	GX8.5	70w	328,24	0,30	0,30

* Supplied in a standard manner with maximum lamp bevel.
 * Supplied in a standard manner with 3000° K lamp

OPTIONS	Ref. 10	Ref. 24	Ref. 40
Bevel	10°	24°	40°
CDM-R 111 35w	•	•	•
CDM-R 111 70w	•	•	•



Smurfit 3R DICHROIC HALOGEN lamps surface

Includes electronic transformers and DICHROIC HALOGEN lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
1101 01	White	12v50w	GU5.3	3x50w	189,72	0,30
1101 02	Black	12v50w	GU5.3	3x50w	195,41	0,30
1101 52	Chrome matt	12v50w	GU5.3	3x50w	195,41	0,30
1101 90	Titanium	12v50w	GU5.3	3x50w	195,41	0,30

* Supplied in a standard manner with 36° opening lamp

Smurfit 3R LED lamps 3x4w surface

Includes 4w LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
1107 01 04	White	LED	GU-10	3x4w	325,37	0,30	0,60
1107 02 04	Black	LED	GU-10	3x4w	335,68	0,30	0,60
1107 52 04	Chrome matt	LED	GU-10	3x4w	335,68	0,30	0,60
1107 90 04	Titanium	LED	GU-10	3x4w	335,68	0,30	0,60

* Supplied in a standard manner with 3000° K lamp

Smurfit 3R LED lamps 3x7,2w surface



Includes driver and 7,2w LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
1107 01	White	LED	-	3x7,2w	544,25	0,30	0,60
1107 02	Black	LED	-	3x7,2w	560,57	0,30	0,60
1107 52	Chrome matt	LED	-	3x7,2w	560,57	0,30	0,60
1107 90	Titanium	LED	-	3x7,2w	560,57	0,30	0,60

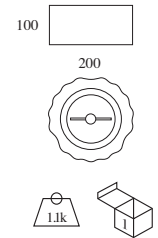
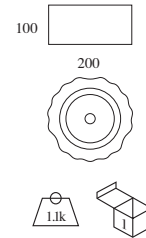
* Supplied in a standard manner with 3300° K lamp

Smurfit 3R LED lamps 3x3w surface

Includes driver and MR16 LED RGB lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
1107 01 03	White	LED	GU5.3	3x3w	349,17	0,30	0,60
1107 02 03	Black	LED	GU5.3	3x3w	354,22	0,30	0,60
1107 52 03	Chrome matt	LED	GU5.3	3x3w	354,22	0,30	0,60
1107 90 03	Titanium	LED	GU5.3	3x3w	354,22	0,30	0,60



Smurfit QR-111 surface

Includes electronic transformers and QR-111 lamp

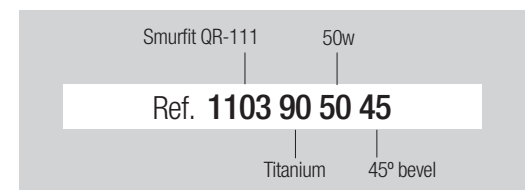


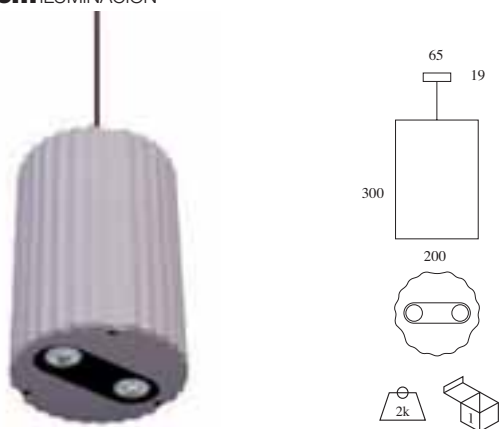
Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
1103 01 35	White	QR-111	G53	35w	189,00	0,30
1103 02 35	Black	QR-111	G53	35w	194,67	0,30
1103 52 35	Chrome matt	QR-111	G53	35w	194,67	0,30
1103 90 35	Titanium	QR-111	G53	35w	194,67	0,30
1103 01 50	White	QR-111	G53	50w	189,10	0,30
1103 02 50	Black	QR-111	G53	50w	194,77	0,30
1103 52 50	Chrome matt	QR-111	G53	50w	194,77	0,30
1103 90 50	Titanium	QR-111	G53	50w	194,77	0,30
1103 01 60	White	QR-111	G53	60w	195,39	0,30
1103 02 60	Black	QR-111	G53	60w	201,25	0,30
1103 52 60	Chrome matt	QR-111	G53	60w	201,25	0,30
1103 90 60	Titanium	QR-111	G53	60w	201,25	0,30
1103 01 75	White	QR-111	G53	75w	191,37	0,30
1103 02 75	Black	QR-111	G53	75w	197,11	0,30
1103 52 75	Chrome matt	QR-111	G53	75w	197,11	0,30
1103 90 75	Titanium	QR-111	G53	75w	197,11	0,30
1103 01 10	White	QR-111	G53	100w	191,39	0,30
1103 02 10	Black	QR-111	G53	100w	197,13	0,30
1103 52 10	Chrome matt	QR-111	G53	100w	197,13	0,30
1103 90 10	Titanium	QR-111	G53	100w	197,13	0,30

* Supplied in a standard manner with maximum lamp bevel.

OPTIONS	Ref. 04	Ref. 08	Ref. 24	Ref. 45
Bevel	4°	8°	24°	45°
QR-111 35w	•		•	
QR-111 50w	•	•	•	•
QR-111 60w		•	•	•
QR-111 75w		•	•	•
QR-111 100w		•	•	•

Example to write a reference with options





Smurfit 2 DICHROIC HALOGEN lamps suspension

Includes electronic transformers and DICHROIC HALOGEN lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
1094 01	White	12v50w	GU5.3	2x50w	183,54	0,30
1094 02	Black	12v50w	GU5.3	2x50w	189,04	0,30
1094 52	Chrome matt	12v50w	GU5.3	2x50w	189,04	0,30
1094 90	Titanium	12v50w	GU5.3	2x50w	189,04	0,30

* Supplied in a standard manner with 36° opening lamp

Smurfit 2 LED lamps 2x4w suspension

Includes 4w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
1098 01 04	White	LED	GU-10	2x4w	274,98	0,30 0,40
1098 02 04	Black	LED	GU-10	2x4w	282,57	0,30 0,40
1098 52 04	Chrome matt	LED	GU-10	2x4w	282,57	0,30 0,40
1098 90 04	Titanium	LED	GU-10	2x4w	282,57	0,30 0,40

* Supplied in a standard manner with 3000° K lamp

Smurfit 2 LED lamps 2x7,2w suspension



Includes driver and 7,2w LED lamp

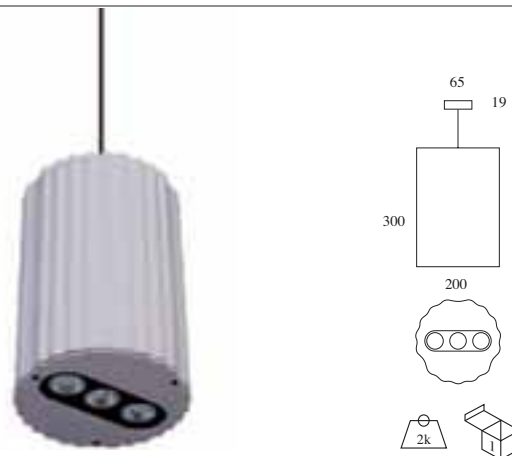
Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
1098 01	White	LED	-	2x7,2w	352,67	0,30 0,40
1098 02	Black	LED	-	2x7,2w	366,94	0,30 0,40
1098 52	Chrome matt	LED	-	2x7,2w	366,94	0,30 0,40
1098 90	Titanium	LED	-	2x7,2w	366,94	0,30 0,40

* Supplied in a standard manner with 3300° K lamp

Smurfit 2 LED lamps 2x3w RGB suspension

Includes driver and MR16 LED RGB lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
1098 01 03	White	LED	GU5.3	2x3w	286,34	0,30 0,40
1098 02 03	Black	LED	GU5.3	2x3w	294,93	0,30 0,40
1098 52 03	Chrome matt	LED	GU5.3	2x3w	294,93	0,30 0,40
1098 90 03	Titanium	LED	GU5.3	2x3w	294,93	0,30 0,40



Smurfit 3 DICHROIC HALOGEN lamps suspension

Includes electronic transformers and DICHROIC HALOGEN lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
1096 01	White	12v50w	GU5.3	3x50w	173,86	0,30
1096 02	Black	12v50w	GU5.3	3x50w	179,07	0,30
1096 52	Chrome matt	12v50w	GU5.3	3x50w	179,07	0,30
1096 90	Titanium	12v50w	GU5.3	3x50w	179,07	0,30

* Supplied in a standard manner with 36° opening lamp

Smurfit 3 LED lamps 3x4w suspension

Includes 4w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
1100 01 04	White	LED	GU-10	3x4w	309,51	0,30 0,60
1100 02 04	Black	LED	GU-10	3x4w	319,81	0,30 0,60
1100 52 04	Chrome matt	LED	GU-10	3x4w	319,81	0,30 0,60
1100 90 04	Titanium	LED	GU-10	3x4w	319,81	0,30 0,60

* Supplied in a standard manner with 3000° K lamp

Smurfit 3 LED lamps 3x7,2w suspension



Includes driver and 7,2w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
1100 01	White	LED	-	3x7,2w	554,34	0,30 0,60
1100 02	Black	LED	-	3x7,2w	570,97	0,30 0,60
1100 52	Chrome matt	LED	-	3x7,2w	570,97	0,30 0,60
1100 90	Titanium	LED	-	3x7,2w	570,97	0,30 0,60

* Supplied in a standard manner with 3300° K lamp

Smurfit 3 LED lamps 3x3w RGB suspension

Includes driver and MR16 LED RGB lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
1100 01 03	White	LED	GU5.3	3x3w	328,05	0,30 0,60
1100 02 03	Black	LED	GU5.3	3x3w	337,89	0,30 0,60
1100 52 03	Chrome matt	LED	GU5.3	3x3w	337,89	0,30 0,60
1100 90 03	Titanium	LED	GU5.3	3x3w	337,89	0,30 0,60

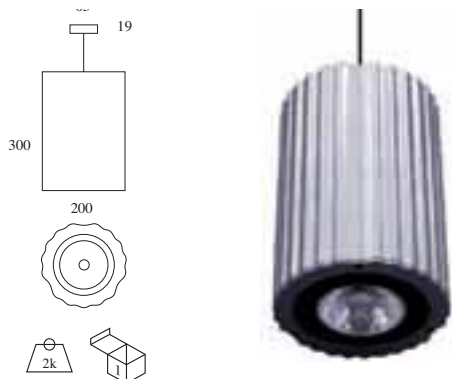
Smurfit CDM-R 111 suspension

Includes electronic transformers and CDM-R 111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
1110 01 35	White	CDM-R	GX8.5	35w	332,09	0,30 0,30
1110 02 35	Black	CDM-R	GX8.5	35w	342,05	0,30 0,30
1110 52 35	Chrome matt	CDM-R	GX8.5	35w	342,05	0,30 0,30
1110 90 35	Titanium	CDM-R	GX8.5	35w	342,05	0,30 0,30
1110 01 70	White	CDM-R	GX8.5	70w	334,33	0,30 0,30
1110 02 70	Black	CDM-R	GX8.5	70w	344,36	0,30 0,30
1110 52 70	Chrome matt	CDM-R	GX8.5	70w	344,36	0,30 0,30
1110 90 70	Titanium	CDM-R	GX8.5	70w	344,36	0,30 0,30

* Supplied in a standard manner with maximum lamp bevel.

* Supplied in a standard manner with 3000° K lamp



OPTIONS	Ref. 10	Ref. 24	Ref. 40
Bevel	10°	24°	40°
CDM-R 111 35w	•	•	•
CDM-R 111 70w	•	•	•



Smurfit 3R DICHROIC HALOGEN lamps suspension

Includes electronic transformers and DICHROIC HALOGEN lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
1102 01	White	12v50w	GU5.3	3x50w	193,84	0,30
1102 02	Black	12v50w	GU5.3	3x50w	199,66	0,30
1102 52	Chrome matt	12v50w	GU5.3	3x50w	199,66	0,30
1102 90	Titanium	12v50w	GU5.3	3x50w	199,66	0,30

* Supplied in a standard manner with 36° opening lamp

Smurfit 3R LED lamps 3x4w suspension

Includes 4w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
1108 01 04	White	LED	GU-10	3x4w	329,49	0,30 0,60
1108 02 04	Black	LED	GU-10	3x4w	339,93	0,30 0,60
1108 52 04	Chrome matt	LED	GU-10	3x4w	339,93	0,30 0,60
1108 90 04	Titanium	LED	GU-10	3x4w	339,93	0,30 0,60

* Supplied in a standard manner with 3000° K lamp

Smurfit 3R LED lamps 3x7,2w suspension



Includes driver and 7,2w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
1108 01	White	LED	-	3x7,2w	564,97	0,30 0,60
1108 02	Black	LED	-	3x7,2w	581,92	0,30 0,60
1108 52	Chrome matt	LED	-	3x7,2w	581,92	0,30 0,60
1108 90	Titanium	LED	-	3x7,2w	581,92	0,30 0,60

* Supplied in a standard manner with 3300° K lamp

Smurfit 3R LED lamps 3x3w RGB suspension

Includes driver and MR16 LED RGB lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
1108 01 03	White	LED	GU5.3	3x3w	348,03	0,30 0,60
1108 02 03	Black	LED	GU5.3	3x3w	358,47	0,30 0,60
1108 52 03	Chrome matt	LED	GU5.3	3x3w	358,47	0,30 0,60
1108 90 03	Titanium	LED	GU5.3	3x3w	358,47	0,30 0,60



Rough increase of accesories

Ref.	Controlador para MR16 LED RGB lamp	€
3080		6,60

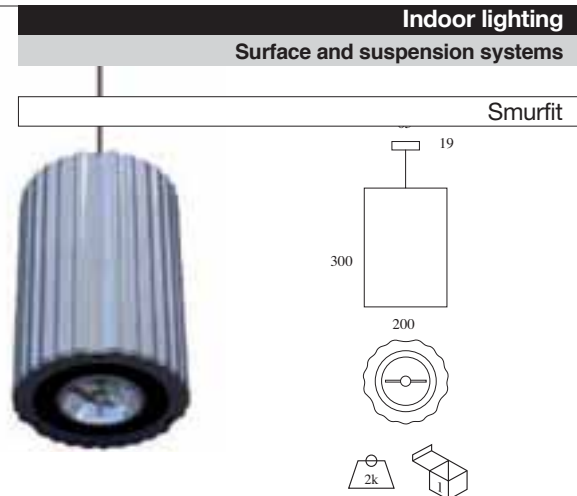
* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.

OPTIONS LED OSRAM DRAGON-X

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K
Ref. 86	6500°K

OPTIONS	Ref. 04	Ref. 08	Ref. 24	Ref. 45
Bevel	4°	8°	24°	45°
QR-111 35w	•		•	
QR-111 50w	•	•	•	•
QR-111 60w		•	•	•
QR-111 75w		•	•	•
QR-111 100w		•	•	•



Smurfit QR-111 suspension

Includes electronic transformers and QR-111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
1104 01 35	White	QR-111	G53	35w	191,06	0,30
1104 02 35	Black	QR-111	G53	35w	196,79	0,30
1104 52 35	Chrome matt	QR-111	G53	35w	196,79	0,30
1104 90 35	Titanium	QR-111	G53	35w	196,79	0,30
1104 01 50	White	QR-111	G53	50w	191,16	0,30
1104 02 50	Black	QR-111	G53	50w	196,90	0,30
1104 52 50	Chrome matt	QR-111	G53	50w	196,90	0,30
1104 90 50	Titanium	QR-111	G53	50w	196,90	0,30
1104 01 60	White	QR-111	G53	60w	195,39	0,30
1104 02 60	Black	QR-111	G53	60w	201,25	0,30
1104 52 60	Chrome matt	QR-111	G53	60w	201,25	0,30
1104 90 60	Titanium	QR-111	G53	60w	201,25	0,30
1104 01 75	White	QR-111	G53	75w	191,78	0,30
1104 02 75	Black	QR-111	G53	75w	197,53	0,30
1104 52 75	Chrome matt	QR-111	G53	75w	197,53	0,30
1104 90 75	Titanium	QR-111	G53	75w	197,53	0,30
1104 01 10	White	QR-111	G53	100w	191,88	0,30
1104 02 10	Black	QR-111	G53	100w	197,64	0,30
1104 52 10	Chrome matt	QR-111	G53	100w	197,64	0,30
1104 90 10	Titanium	QR-111	G53	100w	197,64	0,30

* Supplied in a standard manner with maximum lamp bevel.



Smurfit 1 LED lamps-111 suspension

Includes electronic transformers and LED-111 lamp

Ref.	Colour	Lamp	L/H	W	€
1112 01 12	White	LED-111	-	1x12w	288,46
1112 02 12	Black	LED-111	-	1x12w	297,11
1112 52 12	Chrome matt	LED-111	-	1x12w	297,11
1112 90 12	Titanium	LED-111	-	1x12w	297,11

* Supplied in a standard manner with 3100° K lamp

OPTIONS LED LAMP

IRC / Colour temperature

Ref. 83	3100°K
Ref. 84	4000°K





Sédici

Protection degree IP43

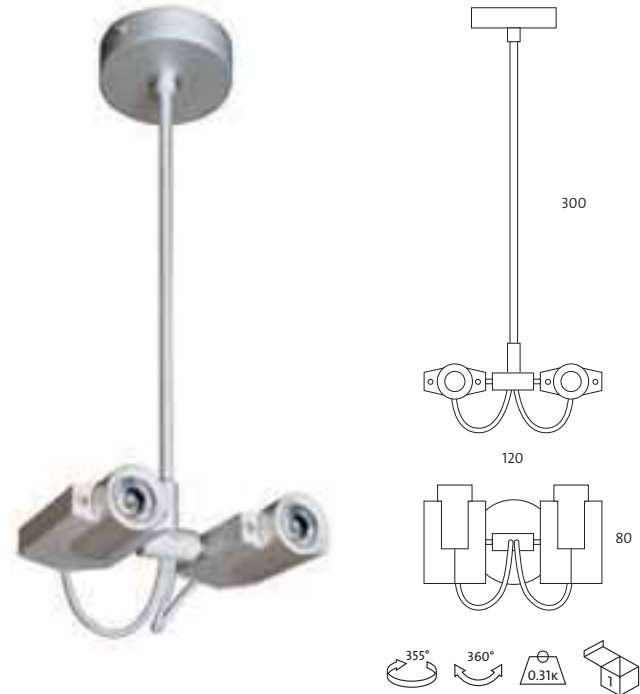
- Material: Anodized injected aluminium.
- Optics: Optics incorporated in the lamps.
- Supply: Electronic equipments included.
- Lamps: LED lamps, composed of 2 LEDs each one of 1w.
- Installation: Directly screw on ceiling or on table (screw not included).
- Colours: Anodized natural aluminium

Includes electronic transformers and LED lamps



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
070 52	Aluminium	LED 2x1w	-	2w	151,61	0,30

* Supplied in a standard manner with 5700° K lamp



Tábilo

Protection degree IP54

- Material: Aluminium.
- Optics: Optics incorporated in the lamps.
- Supply: Electronic equipments included.
- Lamps: LED lamps, composed of 8 LEDs each one of 1w.
- Installation: Easy installation directly on area surface.
- Colours: Natural aluminium..

Tabilo fixed

Includes electronic transformers and LED lamps



Ref.	Colour	Lamp	W	€	RAEE lum.
1001 00	Aluminium	LED 8x1w	8w	227,42	0,30

* Supplied in a standard manner with 5700° K lamp

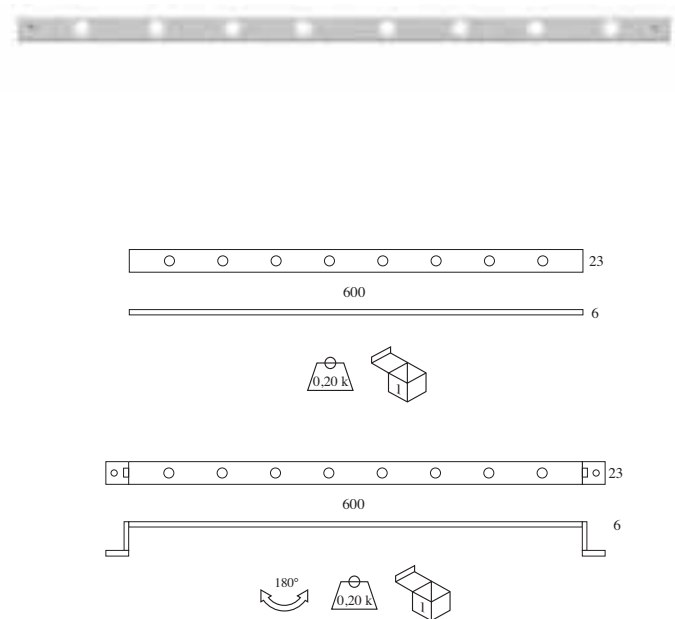
Tabilo adjustable

Includes electronic transformers and LED lamps



Ref.	Colour	Lamp	W	€	RAEE lum.
1002 00	Aluminium	LED 8x1w	8w	252,55	0,30

* Supplied in a standard manner with 5700° K lamp



Twin

Protection degree IP20

- Material:** Injected aluminium thermo painted.
- Optics:** Optics incorporated in the lamps.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** It uses halogen lamps and LED lamps, suitable for domestic or commercial use.
- Installation:** Directly screw on ceiling (screw not included).
- Colours:** White, black and titanium. RAL colours by request.

Includes electronic transformers and DICHROIC HALOGEN lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
293 01 50	White	12v50w	GU5.3	50w	86,56	0,30
293 02 50	Black	12v50w	GU5.3	50w	93,27	0,30
293 52 50	Chrome matt	12v50w	GU5.3	50w	93,27	0,30
293 90 50	Titanium	12v50w	GU5.3	50w	93,27	0,30

* Supplied in a standard manner with 36° opening lamp

Includes 2w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
293L 01 02	White	LED	GU-10	2w	92,02	0,30	0,20
293L 02 02	Black	LED	GU-10	2w	98,73	0,30	0,20
293L 52 02	Chrome matt	LED	GU-10	2w	98,73	0,30	0,20
293L 90 02	Titanium	LED	GU-10	2w	98,73	0,30	0,20

* Supplied in a standard manner with 3000° K lamp

Includes 4w LED lamp

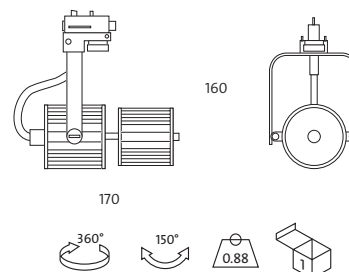
Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
293L 01 04	White	LED	GU-10	4w	125,90	0,30	0,20
293L 02 04	Black	LED	GU-10	4w	132,62	0,30	0,20
293L 52 04	Chrome matt	LED	GU-10	4w	132,62	0,30	0,20
293L 90 04	Titanium	LED	GU-10	4w	132,62	0,30	0,20

* Supplied in a standard manner with 3000° K lamp

Includes driver and 5w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
293L 01 05	White	LED	GU5.3	5w	131,16	0,30	0,20
293L 02 05	Black	LED	GU5.3	5w	137,87	0,30	0,20
293L 52 05	Chrome matt	LED	GU5.3	5w	137,87	0,30	0,20
293L 90 05	Titanium	LED	GU5.3	5w	137,87	0,30	0,20

* Supplied in a standard manner with 3100° K lamp



Includes driver and MR16 LED RGB lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
293L 01 03	White	LED	GU5.3	3w	143,41	0,30	0,20
293L 02 03	Black	LED	GU5.3	3w	150,13	0,30	0,20
293L 52 03	Chrome matt	LED	GU5.3	3w	150,13	0,30	0,20
293L 90 03	Titanium	LED	GU5.3	3w	150,13	0,30	0,20



Rough increase of accessories

Ref.	Controlador para MR16 LED RGB lamp	€
3080		6,60

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.

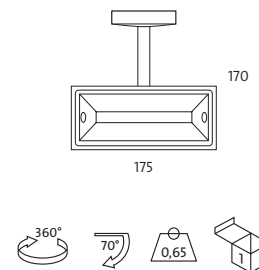
Foco surface lineal

Protection degree IP20

- Material:** Steel sheet thermo painted and electrolytic coat.
- Optics:** Aluminium reflector.
- Supply:** Directly connected to the 220v main.
- Lamps:** Lineal halogen lamps of 118mm up to 200w maximum.
- Installation:** Directly screw on ceiling (screw not included).
- Colours:** White, black, gold and chrome. RAL colours by request.

Without lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
503 01	White	-	R7s	-	44,90	0,30
503 02	Black	-	R7s	-	61,30	0,30
503 03	Gold	-	R7s	-	61,30	0,30
503 05	Chrome	-	R7s	-	61,30	0,30





Foco surface HQI 70w

Protection degree IP42

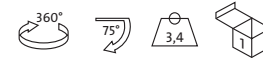
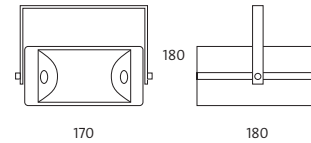
- Material:** Steel sheet thermo painted.
- Optics:** Matt aluminium reflector. Protection glass is included.
- Supply:** Control gear for HQI lamps included.
- Lamps:** It uses HQI 70w lamps, suitable for commercial use, exhibition areas and group facilities due to its high lighting output.
- Installation:** Directly screw on ceiling (screw not included).
- Accessories:** Revolving base (Ref. B71).
- Colours:** White and black



Includes control gear, glass protector and HQI lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp	
730 01C	White	HQI	RX7s	70w	197,89	0,30	0,30
730 02C	Black	HQI	RX7s	70w	197,89	0,30	0,30

* Supplied in a standard manner with 4200° K lamp



Foco surface HQI 150w

Protection degree IP42

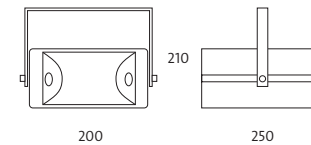
- Material:** Chapa de acero con recubrimiento de pintura al horno.
- Optics:** Reflector de aluminio matt. Includes glass protector.
- Supply:** Includes control gear para HQI.
- Lamps:** Admite HQI lamp de 150w, aptas para su uso en espacios donde se precise un alto nivel luminoso, espacios comerciales, espacios expositivos e instalaciones de uso colectivo.
- Installation:** Directamente a techo mediante tornillería (no suministrada).
- Accessories:** Revolving base (Ref. B71).
- Colours:** White and black.



Includes control gear, glass protector and HQI lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp	
731 01C	White	HQI	RX7s	150w	224,82	0,30	0,30
731 02C	Black	HQI	RX7s	150w	224,82	0,30	0,30

* Supplied in a standard manner with 4200° K lamp

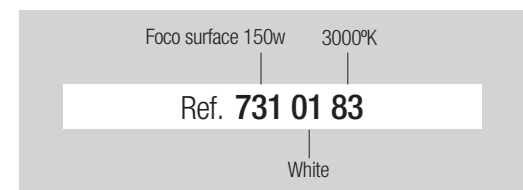


Ref. **B71 01** White
 Ref. **B71 02** Black
 Revolving base

Rough increase of accessories	€
Ref. B71 01 White revolving base	21,52
Ref. B71 02 Black revolving base	21,52

OPTIONS	Ref. 83	Ref. 84
Colour temperature	3000K°	4200K
HQI 70w	•	•
HQI 150w	•	•

Example to write a reference with options





Sión surface

Protection degree IP20

- Material:** Injected aluminium thermo painted and polycarbonate.
- Optics:** High performance aluminium reflector, providing a homogeneous light.
- Supply:** Control gears adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** Dulux F-36w low consumption lamp.
- Installation:** Directly screw on ceiling (screw not included).
- Colours:** White, black and titanium.

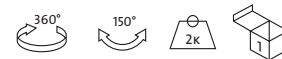
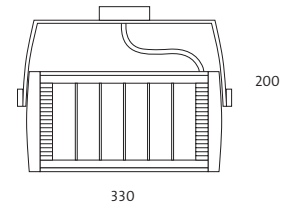
Includes control gear and lamps DULUX-F36



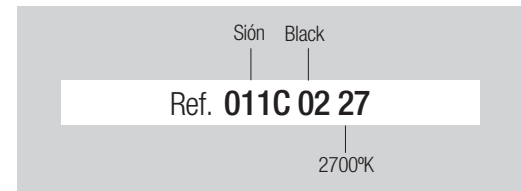
Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
011C 01	White	DULUX-F	2G10	1x36w	143,19	0,30 0,20
011C 02	Black	DULUX-F	2G10	1x36w	147,38	0,30 0,20
011C 90	Titanium	DULUX-F	2G10	1x36w	147,38	0,30 0,20

* Supplied in a standard manner with 4000° K lamp

OPTIONS	Ref. 82	Ref. 83	Ref. 84
Colour temperature	2700°K	3000°K	4000°K
Dulux 36w	•	•	•



Example to write a reference with options



Megan surface

Protection degree IP43

- Material:** Injected aluminium thermo painted
- Optics:** Matt aluminium reflector. Protection glass is included.
- Supply:** Control gear for HQI adapted to the type of lamp and to the power needed is included.
- Lamps:** It uses HQI 70 and 150w lamps, suitable for commercial use, exhibition areas and group facilities due to its high lighting output.
- Installation:** Directly screw on ceiling (screw not included)
- Accessories:** Indicator wings (Ref. 121).
- Colours:** White, black, chrome matt and titanium.

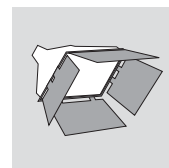
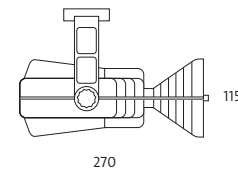
Includes control gear, glass protector and HQI lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
744 01C	White	HQI	RX7s	70w	217,57	0,65 0,30
744 02C	Black	HQI	RX7s	70w	223,78	0,65 0,30
744 52C	Chrome matt	HQI	RX7s	70w	223,78	0,65 0,30
744 90C	Titanium	HQI	RX7s	70w	223,78	0,65 0,30
745 01C	White	HQI	RX7s	150w	226,26	0,65 0,30
745 02C	Black	HQI	RX7s	150w	232,13	0,65 0,30
745 52C	Chrome matt	HQI	RX7s	150w	232,13	0,65 0,30
745 90C	Titanium	HQI	RX7s	150w	232,13	0,65 0,30

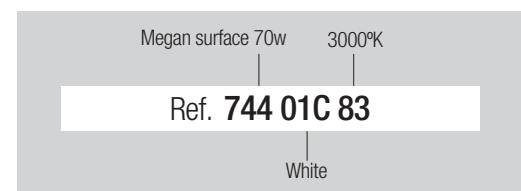
* Supplied in a standard manner with 4200° K lamp

OPTIONS	Ref. 83	Ref. 84
Colour temperature	3000K°	4200°K
HQI 70w	•	•
HQI 150w	•	•
Rough increase of accessories		€
Ref. 121 Indicator wings		41,70



Ref. 121 Indicator wings.

Example to write a reference with options



Braco

Protection degree IP20 / IP43

- Material:** Aluminium conformado.
- Optics:** It can be supplied with transparent protection glass (Ref. CT 850) or matt glass (Ref. CM 850) for an IP43 protection.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** It uses all kinds of lamps for E-27, from incandescence to low consumption. PL-T lamps from 18 to 42 watts suitable for domestic or commercial use. Metal halide discharge lamps, suitable for commercial use, exhibition areas and group facilities due to its high lighting output.
- Installation:** Directly on ceiling with 1 meter length cable (screw not included).
- Colours:** White, black, chrome matt, chrome, red, green, blue and titanium.



* Braco E-27 / PL / PLT

* Braco HQI

Braco PL and PLT 1 lamp

Includes electronic transformers and PL lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp	RAEE lum. lamp
850 01 18	White	PL	G-24q-2	1x18w	99,72	0,30	0,20
850 02 18	Black	PL	G-24q-2	1x18w	102,71	0,30	0,20
850 05 18	Chrome	PL	G-24q-2	1x18w	102,71	0,30	0,20
850 45 18	Green	PL	G-24q-2	1x18w	102,71	0,30	0,20
850 52 18	Chrome matt	PL	G-24q-2	1x18w	102,71	0,30	0,20
850 60 18	Blue	PL	G-24q-2	1x18w	102,71	0,30	0,20
850 70 18	Red	PL	G-24q-2	1x18w	102,71	0,30	0,20
850 90 18	Titanium	PL	G-24q-2	1x18w	102,71	0,30	0,20
850 01 26	White	PL	G-24q-3	1x26w	99,78	0,30	0,20
850 02 26	Black	PL	G-24q-3	1x26w	102,77	0,30	0,20
850 05 26	Chrome	PL	G-24q-3	1x26w	102,77	0,30	0,20
850 45 26	Green	PL	G-24q-3	1x26w	102,77	0,30	0,20
850 52 26	Chrome matt	PL	G-24q-3	1x26w	102,77	0,30	0,20
850 60 26	Blue	PL	G-24q-3	1x26w	102,77	0,30	0,20
850 70 26	Red	PL	G-24q-3	1x26w	102,77	0,30	0,20
850 90 26	Titanium	PL	G-24q-3	1x26w	102,77	0,30	0,20
850 01 32	White	PLT	GX24Q-3	1x32w	147,59	0,30	0,20
850 02 32	Black	PLT	GX24Q-3	1x32w	152,01	0,30	0,20
850 05 32	Chrome	PLT	GX24Q-3	1x32w	152,01	0,30	0,20
850 45 32	Green	PLT	GX24Q-3	1x32w	152,01	0,30	0,20
850 52 32	Chrome matt	PLT	GX24Q-3	1x32w	152,01	0,30	0,20
850 60 32	Blue	PLT	GX24Q-3	1x32w	152,01	0,30	0,20
850 70 32	Red	PLT	GX24Q-3	1x32w	152,01	0,30	0,20
850 90 32	Titanium	PLT	GX24Q-3	1x32w	152,01	0,30	0,20
850 01 42	White	PLT	GX24Q-4	1x42w	147,59	0,30	0,20
850 02 42	Black	PLT	GX24Q-4	1x42w	152,01	0,30	0,20
850 05 42	Chrome	PLT	GX24Q-4	1x42w	152,01	0,30	0,20
850 45 42	Green	PLT	GX24Q-4	1x42w	152,01	0,30	0,20
850 52 42	Chrome matt	PLT	GX24Q-4	1x42w	152,01	0,30	0,20
850 60 42	Blue	PLT	GX24Q-4	1x42w	152,01	0,30	0,20
850 70 42	Red	PLT	GX24Q-4	1x42w	152,01	0,30	0,20
850 90 42	Titanium	PLT	GX24Q-4	1x42w	152,01	0,30	0,20

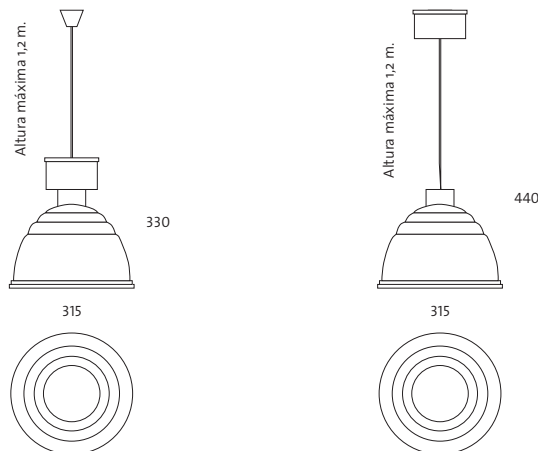
* Supplied in a standard manner with 4200° K lamp

Braco PL and PLT 2 lamps

Includes electronic transformers and PL lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp	RAEE lum. lamp
853 01 26	White	PL	G-24q-3	2x26w	156,53	0,30	0,40
853 02 26	Black	PL	G-24q-3	2x26w	161,22	0,30	0,40
853 05 26	Chrome	PL	G-24q-3	2x26w	161,22	0,30	0,40
853 45 26	Green	PL	G-24q-3	2x26w	161,22	0,30	0,40
853 52 26	Chrome matt	PL	G-24q-3	2x26w	161,22	0,30	0,40
853 60 26	Blue	PL	G-24q-3	2x26w	161,22	0,30	0,40
853 70 26	Red	PL	G-24q-3	2x26w	161,22	0,30	0,40
853 90 26	Titanium	PL	G-24q-3	2x26w	161,22	0,30	0,40
853 01 32	White	PLT	GX24Q-3	2x32w	204,14	0,30	0,40
853 02 32	Black	PLT	GX24Q-3	2x32w	210,26	0,30	0,40
853 05 32	Chrome	PLT	GX24Q-3	2x32w	210,26	0,30	0,40
853 45 32	Green	PLT	GX24Q-3	2x32w	210,26	0,30	0,40
853 52 32	Chrome matt	PLT	GX24Q-3	2x32w	210,26	0,30	0,40
853 60 32	Blue	PLT	GX24Q-3	2x32w	210,26	0,30	0,40
853 70 32	Red	PLT	GX24Q-3	2x32w	210,26	0,30	0,40
853 90 32	Titanium	PLT	GX24Q-3	2x32w	210,26	0,30	0,40
853 01 42	White	PLT	GX24Q-4	2x42w	204,14	0,30	0,40
853 02 42	Black	PLT	GX24Q-4	2x42w	210,26	0,30	0,40
853 05 42	Chrome	PLT	GX24Q-4	2x42w	210,26	0,30	0,40
853 45 42	Green	PLT	GX24Q-4	2x42w	210,26	0,30	0,40
853 52 42	Chrome matt	PLT	GX24Q-4	2x42w	210,26	0,30	0,40
853 60 42	Blue	PLT	GX24Q-4	2x42w	210,26	0,30	0,40
853 70 42	Red	PLT	GX24Q-4	2x42w	210,26	0,30	0,40
853 90 42	Titanium	PLT	GX24Q-4	2x42w	210,26	0,30	0,40

* Supplied in a standard manner with 4200° K lamp



1 lamp/2 lamps

Rough price increase of control gear

Ref.	Electronic ballast	€	€
Ref. BE	Electronic ballast	19,00	24,00
Ref. BR	Dimmable ballast 1-10v	85,00	87,00
Ref. TD	Dimmable ballast Touch and Dim	85,00	87,00

Braco E-27

Without lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
E-27 850 01	White	-	E-27	Max.100w	78,66	0,30
850 02	Black	-	E-27	Max.100w	81,01	0,30
850 05	Chrome	-	E-27	Max.100w	81,01	0,30
850 45	Green	-	E-27	Max.100w	81,01	0,30
850 52	Chrome matt	-	E-27	Max.100w	81,01	0,30
850 60	Blue	-	E-27	Max.100w	81,01	0,30
850 70	Red	-	E-27	Max.100w	81,01	0,30
850 90	Titanium	-	E-27	Max.100w	81,01	0,30

Includes 23w PLE-D GLOBE lamp

Ref.	Colour	Lamp	L/H	W	€	lum.	RAEE lamp
E-27 850 01 23	White	Globe	E-27	23w	119,88	0,30	0,30
850 02 23	Black	Globe	E-27	23w	123,47	0,30	0,30
850 05 23	Chrome	Globe	E-27	23w	123,47	0,30	0,30
850 45 23	Green	Globe	E-27	23w	123,47	0,30	0,30
850 52 23	Chrome matt	Globe	E-27	23w	123,47	0,30	0,30
850 60 23	Blue	Globe	E-27	23w	123,47	0,30	0,30
850 70 23	Red	Globe	E-27	23w	123,47	0,30	0,30
850 90 23	Titanium	Globe	E-27	23w	123,47	0,30	0,30

* Supplied in a standard manner with 6500° K lamp

Braco LED 33w

Includes glass protector, electronic transformers and LED

Ref.	Colour	Lamp	W	€	RAEE lum.
850 01 33 85	White	LED	14x2,4w	562,79	0,30
850 02 33 85	Black	LED	14x2,4w	569,38	0,30
850 05 33 85	Chrome	LED	14x2,4w	569,38	0,30
850 45 33 85	Green	LED	14x2,4w	569,38	0,30
850 52 33 85	Chrome matt	LED	14x2,4w	569,38	0,30
850 60 33 85	Blue	LED	14x2,4w	569,38	0,30
850 70 33 85	Red	LED	14x2,4w	569,38	0,30
850 90 33 85	Titanium	LED	14x2,4w	569,38	0,30

* Supplied in a standard manner with lamp 5400° K lamp

Braco 1 LED PL lamp 14,4w

Includes driver and LED lamp 14,4w.

Ref.	Colour	Lamp	L/H	W	€	lum.	RAEE lamp
850 01 14	White	LED	G-24d-3	1x14,4w	164,07	0,30	0,20
850 02 14	Black	LED	G-24d-3	1x14,4w	166,07	0,30	0,20
850 05 14	Chrome	LED	G-24d-3	1x14,4w	166,07	0,30	0,20
850 45 14	Green	LED	G-24d-3	1x14,4w	166,07	0,30	0,20
850 52 14	Chrome matt	LED	G-24d-3	1x14,4w	166,07	0,30	0,20
850 60 14	Blue	LED	G-24d-3	1x14,4w	166,07	0,30	0,20
850 70 14	Red	LED	G-24d-3	1x14,4w	166,07	0,30	0,20
850 90 14	Titanium	LED	G-24d-3	1x14,4w	166,07	0,30	0,20

* Supplied in a standard manner with 5400° K lamp

Braco 2 Lamps LED PL 14,4w

Includes driver and 2 LED lamps 14,4w.

Ref.	Colour	Lamp	L/H	W	€	lum.	RAEE lamp
853 01 14	White	LED	G-24d-3	2x14,4w	251,77	0,30	0,20
853 02 14	Black	LED	G-24d-3	2x14,4w	254,06	0,30	0,20
853 05 14	Chrome	LED	G-24d-3	2x14,4w	254,06	0,30	0,20
853 45 14	Green	LED	G-24d-3	2x14,4w	254,06	0,30	0,20
853 52 14	Chrome matt	LED	G-24d-3	2x14,4w	254,06	0,30	0,20
853 60 14	Blue	LED	G-24d-3	2x14,4w	254,06	0,30	0,20
853 70 14	Red	LED	G-24d-3	2x14,4w	254,06	0,30	0,20
853 90 14	Titanium	LED	G-24d-3	2x14,4w	254,06	0,30	0,20

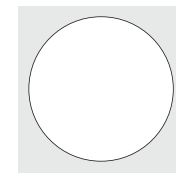
* Supplied in a standard manner with 5400° K lamp

Braco HQI

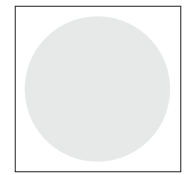
Includes control gear, glass protector and HQI lamp

Ref.	Colour	Lamp	L/H	W	€	lum.	RAEE lamp
851 01 70	White	HQI	RX7s	70w	213,33	0,65	0,30
851 02 70	Black	HQI	RX7s	70w	219,72	0,65	0,30
851 05 70	Chrome	HQI	RX7s	70w	219,72	0,65	0,30
851 45 70	Green	HQI	RX7s	70w	219,72	0,65	0,30
851 52 70	Chrome matt	HQI	RX7s	70w	219,72	0,65	0,30
851 60 70	Blue	HQI	RX7s	70w	219,72	0,65	0,30
851 70 70	Red	HQI	RX7s	70w	219,72	0,65	0,30
851 90 70	Titanium	HQI	RX7s	70w	219,72	0,65	0,30
851 01 15	White	HQI	RX7s	150w	217,86	0,65	0,30
851 02 15	Black	HQI	RX7s	150w	224,39	0,65	0,30
851 05 15	Chrome	HQI	RX7s	150w	224,39	0,65	0,30
851 45 15	Green	HQI	RX7s	150w	224,39	0,65	0,30
851 52 15	Chrome matt	HQI	RX7s	150w	224,39	0,65	0,30
851 60 15	Blue	HQI	RX7s	150w	224,39	0,65	0,30
851 70 15	Red	HQI	RX7s	150w	224,39	0,65	0,30
851 90 15	Titanium	HQI	RX7s	150w	224,39	0,65	0,30

* Supplied in a standard manner with 4200° K lamp



Ref. **CT850**
Braco transp. glass



Ref. **CM850**
Braco matt glass

Rough increase of accesories

Ref.	Accessories	€
Ref. CT850	Braco transparent glass	11,87
Ref. CM850	Braco matt glass	11,96

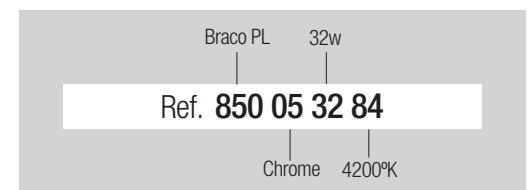
OPTIONS	Ref. 82	Ref. 83	Ref. 84
Colour temperature	2700°K	3000°K	4000°K
PL 18w	•	•	•
PL 26w	•	•	•
PLT/E 32w	•	•	•
PLT/E 42w	•	•	•

OPTIONS LED OSRAM DRAGON-X

IRC / Colour temperature	Ref. 83	Ref. 84
Ref. 83		3300°K
Ref. 85		5400°K
Ref. 86		6500°K

OPTIONS	Ref. 83	Ref. 84
Colour temperature	3000°K	4200°K
HQI 70w	•	•
HQI 150w	•	•

Example to write a reference with options



Lumik

Protection degree IP20 / IP43

- Material:** Aluminium and acrylic polycarbonate.
- Optics:** Acrylic polycarbonate reflector. It can be supplied as an option with acrylic protection (Ref. CA 861), for an IP43 protection.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** It uses all kinds of lamps for E-27, from incandescence to low consumption. PL-T lamps from 26 to 42 watts suitable for domestic or commercial use, exhibition areas and group facilities due to its high lighting output.
Directly on ceiling with 1 meter length cable (screw not included).
Titanium gear-box.

Installation:

Colours:

Lumik E-27

Without lamps

E-27	Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
	861 90	Titanium	-	E-27	Max.100w	71,27	0,30

Includes 23w PLE-D GLOBE lamp

E-27	Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
	861 90 23	Titanium	Globe	E-27	23w	112,49	0,30 0,30

* Supplied in a standard manner with 6500° K lamp

Lumik HQI



Includes electronic transformers, protection glass and HQI lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
866 90 70	Titanium	HQI	G-12	70w	241,07	0,30 0,30

* Supplied in a standard manner with 4200° K lamp

Lumik PL and PLT



Includes electronic transformers and PL lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
864 90 26	Titanium	PL	G-24q-3	26w	82,34	0,30 0,20
864 90 32	Titanium	PLT	GX24Q-3	32w	106,41	0,30 0,20
864 90 42	Titanium	PLT	GX24Q-4	42w	106,41	0,30 0,20
864 90 57	Titanium	PLT	GX24Q-5	57w	117,31	0,30 0,20

* Supplied in a standard manner with 4200° K lamp

Braco LED PL 14,4w



Includes driver and LED lamp 14,4w.

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
861 90 14	Titanium	LED	G-24d-3	14,4w	158,97	0,30 0,20

* Supplied in a standard manner with 5400° K lamp



Ref. CA861
Lumik acrylic protection cover

Rough increase of accessories

Ref.	€
Ref. CA861 Lumik acrylic protection cover	13,85



OPTIONS	Ref. 83	Ref. 84
Colour temperature	3000K*	4200K*
HQI 70w	•	•

OPTIONS	Ref. 82	Ref. 83	Ref. 84
Colour temperature	2700°K	3000°K	4000°K
PL 26w	•	•	•
PLT/E 32w	•	•	•
PLT/E 42w	•	•	•

OPTIONS PL LED OSRAM DRAGON-X

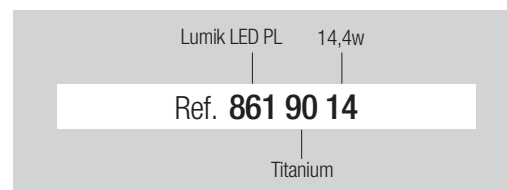
IRC / Colour temperature	Ref. 83	Ref. 85
	3300°K	5400°K

OPTIONS PARA LAMPS PL AND PLT

Rough price increase of control gear

Ref. BE	Electronic ballast	19,00
Ref. BR	Dimmable ballast 1-10v	85,00
Ref. TD	Dimmable ballast Touch and Dim	85,00

Example to write a reference with options





Zidi


Protection degree IP20

- Material:** Polished aluminium or thermo painted.
- Supply:** Directly connected to the 220v main. for lampholder E-27.
- Lamps:** It uses all kinds of lamps for E-27, from incandescence to low consumption.
- Installation:** Directly on ceiling with maximum 1,20 meter length cable (screw not included).
- Colours:** White, black, chrome matt, chrome, red, green, blue and titanium. RAL colours by request.

Without lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
E-27 860 01	White	-	E-27	Max.100w	49,54	0,30
860 02	Black	-	E-27	Max.100w	51,02	0,30
860 05	Chrome	-	E-27	Max.100w	51,02	0,30
860 45	Green	-	E-27	Max.100w	51,02	0,30
860 52	Chrome matt	-	E-27	Max.100w	51,02	0,30
860 60	Blue	-	E-27	Max.100w	51,02	0,30
860 70	Red	-	E-27	Max.100w	51,02	0,30
860 90	Titanium	-	E-27	Max.100w	51,02	0,30

Includes lamps PLE-D GLOBE 23w

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
 860 01 23	White	Globe	E-27	23w	90,76	0,30	0,30
860 02 23	Black	Globe	E-27	23w	93,48	0,30	0,30
860 05 23	Chrome	Globe	E-27	23w	93,48	0,30	0,30
860 45 23	Green	Globe	E-27	23w	93,48	0,30	0,30
860 52 23	Chrome matt	Globe	E-27	23w	93,48	0,30	0,30
860 60 23	Blue	Globe	E-27	23w	93,48	0,30	0,30
860 70 23	Red	Globe	E-27	23w	93,48	0,30	0,30
860 90 23	Titanium	Globe	E-27	23w	93,48	0,30	0,30

* Supplied in a standard manner with 6500° K lamp




Adra

Protection degree IP20

- Material:** Injected aluminium thermo painted.
- Optics:** Optics incorporated in the lamps.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** The series of ADRA lightings use halogen lamps QR-111 and LED-111 lamps, suitable for domestic or commercial use and metal halide CDMR-111 lamps only recommended in public and/or commercial areas.
- Installation:** Directly screw on ceiling (screw not included).
- Colours:** White, black and titanium.

Adra QR 111

Includes electronic transformers and QR-111 lamp


	Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
	056QC 01 35	White	QR-111	G53	35w	113,91	0,30
	056QC 02 35	Black	QR-111	G53	35w	117,32	0,30
	056QC 52 35	Chrome matt	QR-111	G53	35w	117,32	0,30
	056QC 90 35	Titanium	QR-111	G53	35w	117,32	0,30
	056QC 01 50	White	QR-111	G53	50w	113,91	0,30
	056QC 02 50	Black	QR-111	G53	50w	117,32	0,30
	056QC 52 50	Chrome matt	QR-111	G53	50w	117,32	0,30
	056QC 90 50	Titanium	QR-111	G53	50w	117,32	0,30
	056QC 01 60	White	QR-111	G53	60w	120,20	0,30
	056QC 02 60	Black	QR-111	G53	60w	123,80	0,30
	056QC 52 60	Chrome matt	QR-111	G53	60w	123,80	0,30
	056QC 90 60	Titanium	QR-111	G53	60w	123,80	0,30
	056QC 01 75	White	QR-111	G53	75w	116,10	0,30
	056QC 02 75	Black	QR-111	G53	75w	119,58	0,30
	056QC 52 75	Chrome matt	QR-111	G53	75w	119,58	0,30
	056QC 90 75	Titanium	QR-111	G53	75w	119,58	0,30
	056QC 01 10	White	QR-111	G53	100w	116,10	0,30
	056QC 02 10	Black	QR-111	G53	100w	119,58	0,30
	056QC 52 10	Chrome matt	QR-111	G53	100w	119,58	0,30
	056QC 90 10	Titanium	QR-111	G53	100w	119,58	0,30

* Supplied in a standard manner with maximum lamp bevel.

OPTIONS	Ref. 04	Ref. 08	Ref. 24	Ref. 45
Bevel	4°	8°	24°	45°
QR-111 35w	•		•	
QR-111 50w	•	•	•	•
QR-111 60w		•	•	•
QR-111 75w		•	•	•
QR-111 100w		•	•	•

Adra CDM-R 111

Includes electronic transformers and CDM-R lamps

	Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
	056RC 01 35	White	CDM-R 111	GX8.5	35w	296,82	0,30 0,30
	056RC 02 35	Black	CDM-R 111	GX8.5	35w	305,72	0,30 0,30
	056RC 52 35	Chrome matt	CDM-R 111	GX8.5	35w	305,72	0,30 0,30
	056RC 90 35	Titanium	CDM-R 111	GX8.5	35w	305,72	0,30 0,30
	056RC 01 70	White	CDM-R 111	GX8.5	70w	296,86	0,30 0,30
	056RC 02 70	Black	CDM-R 111	GX8.5	70w	305,72	0,30 0,30
	056RC 52 70	Chrome matt	CDM-R 111	GX8.5	70w	305,72	0,30 0,30
	056RC 90 70	Titanium	CDM-R 111	GX8.5	70w	305,72	0,30 0,30

* Supplied in a standard manner with maximum lamp bevel.

* Supplied in a standard manner with 3000° K lamp

OPTIONS	Ref. 10	Ref. 24	Ref. 40
Bevel	10°	24°	40°
CDM-R 111 35w	•	•	•
CDM-R 111 70w	•	•	•



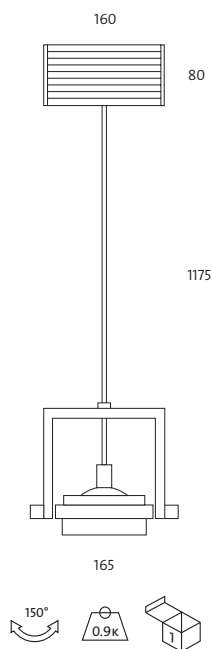
Adra LED 111

Includes electronic transformers and LED-111 lamp



Ref.	Colour	Lamp	L/H	W	€	lum.	RAEE lamp
056B 01 12	White	LED-111	-	12w	215,02	0,30	0,20
056B 02 12	Black	LED-111	-	12w	221,47	0,30	0,20
056B 52 12	Chrome matt	LED-111	-	12w	221,47	0,30	0,20
056B 90 12	Titanium	LED-111	-	12w	221,47	0,30	0,20

* Supplied in a standard manner with 3100° K lamp



OPTIONS LED LAMP

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K

Rough price increase of driver

Ref. DR	Dimmable driver 1-10V	€ 116,80
---------	-----------------------	----------

Example to write a reference with options

Adra QR-111 100w

Ref. 059Q 02 10 24

Black 24° bevel

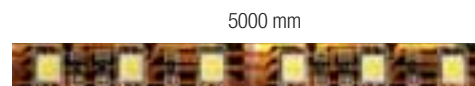




Cambo Flexible Strip

Protection degree IP20

Material: Flexible plastic support.
Optics: Built-in-lamp optics.
Supply: 12V / 24V electronic equipment with direct power and 400 / 600 / 1200 mA according to each model (not included).
Lamps: Flexible led strips composed by 60 x 0,08 / 0,24w leds per meter. In white, warm 3000k° or cold 6500°.
 RGB flexible strip composed by 30 x 0,24w and 60 x 0,24w led per meter.
Installation: Back side of the strip contains 3M adhesive to install directly on brackets where light needs to be adapted to irregular shaped, luminated sings, etc.
 The CAMBO flexible strips offer the possibility of being connected to each other through connectors. They are also divisible in stretch of 3 leds, cut must be done on spots fitted for that purpose (every 5 cm in the 8 mm strip and every 10 cm in the 10 mm strip).



* Stretch shorter than 5 meters are also available to be supplied optionally with connections.
 * The width of the LED strips is merely indicative. Please check with a Secom agent before placing your order.

CAMBO FLEXIBLE STRIP 12V IP20

5 Meters roll of IP 20 cold white 6500 K°, 24W flexible strip.

Ref.	Wide	Lamp	Led/meter	Led/roll	Divisible	Colour led.	W	Voltage	Power/meter	€
2005 01 86	8mm	LED 0,08w	60	300	each 5 cm	○	24w	12V DC	400 mA	129,36

5 Meters roll of IP 20 warm white 3000 K°, 24W flexible strip.

Ref.	Wide	Lamp	Led/meter	Led/roll	Divisible	Colour led.	W	Voltage	Power/meter	€
2005 01 83	8mm	LED 0,08w	60	300	each 5 cm	○	24w	12V DC	400 mA	129,38

5 Meters roll of IP 20 cold white 6500 K°, 36W flexible strip.

Ref.	Wide	Lamp	Led/meter	Led/roll	Divisible	Colour led.	W	Voltage	Power/meter	€
2006 01 86	12mm	LED 0,24w	30	150	each 10 cm	○	36w	12V DC	600 mA	193,43

5 Meters roll of IP 20 warm white 3000 K°, 36W flexible strip.

Ref.	Wide	Lamp	Led/meter	Led/roll	Divisible	Colour led.	W	Voltage	Power/meter	€
2006 01 83	12mm	LED 0,24w	30	150	each 10 cm	○	36w	12V DC	600 mA	193,43

5 Meters roll of IP 20 cold white 6500 K°, 72W flexible strip.

Ref.	Wide	Lamp	Led/meter	Led/roll	Divisible	Colour led.	W	Voltage	Power/meter	€
2007 01 86	12mm	LED 0,24w	60	300	each 10 cm	○	72w	12V DC	1200 mA	307,24

5 Meters roll of IP 20 warm white 3000 K°, 72W flexible strip.

Ref.	Wide	Lamp	Led/meter	Led/roll	Divisible	Colour led.	W	Voltage	Power/meter	€
2007 01 83	12mm	LED 0,24w	60	300	each 10 cm	○	72w	12V DC	1200 mA	307,24

5 Meters roll of IP 20 RGB, 36W flexible strip.

Ref.	Wide	Lamp	Led/meter	Led/roll	Divisible	Colour led.	W	Voltage	Power/meter	€
2008 01	12mm	LED 0,24w	30	150	each 20 cm	●●●	36w	12V DC	600 mA	195,28

5 Meters roll of IP 20 RGB, 72W flexible strip.

Ref.	Wide	Lamp	Led/meter	Led/roll	Divisible	Colour led.	W	Voltage	Power/meter	€
2009 01	12mm	LED 0,24w	60	300	each 5 cm	●●●	72w	12V DC	1200 mA	308,58

CAMBO FLEXIBLE STRIP 24V IP20

5 Meters roll of IP 20 cold white 4100 K°, 24V DC 60W flexible strip.

Ref.	Wide	Lamp	Led/meter	Led/roll	Divisible	Colour led.	W	Voltage	Power/meter	€
2017 01 84	12mm	LED 0,20w	60	300	each 12,5 cm	○	60w	24V DC	1920 mA	193,74

5 Meters roll of IP 20 warm white 3000 K°, 24V DC 60W flexible strip.

Ref.	Wide	Lamp	Led/meter	Led/roll	Divisible	Colour led.	W	Voltage	Power/meter	€
2017 01 83	12mm	LED 0,20w	60	300	each 12,5 cm	○	60w	24V DC	1920 mA	193,74

IP20 Connectors



Connection cable and IP20, 24W supply.

Ref.	€
2020	2,88



Connection cable and IP20, RGB supply.

Ref.	€
2024	2,88



IP20, 24W intermediate connection.

Ref.	€
2021	2,67

Connection cable and IP20, 36W and 72W supply.

Ref.	€
2022	2,88

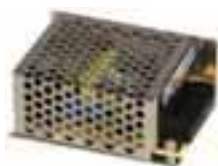
IP20, 36W and 72W intermediate connection.

Ref.	€
2023	2,67

IP20, RGB intermediate connection.

Ref.	€
2025	2,67

12V IP20 Drivers



Led strip driver max. 12V DC 30W

Ref.	Measures	€
2050	110x80x40mm	37,65



Led strip driver max. 12V DC 60W

Ref.	Measures	€
2051	130x100x40mm	50,26



Led strip driver max. 12V DC 100W

Ref.	Measures	€
2052	160x100x40mm	56,44

Led strip driver max. 12V DC 150W

Ref.	Measures	€
2053	190x100x40mm	60,04

24V IP20 Drivers



Led strip driver max. 24V DC 30W

Ref.	Measures	€
2084	110x80x40mm	37,69

Led strip driver max. 24V DC 100W

Ref.	Measures	€
2086	160x100x40mm	56,54

Led strip driver max. 24V DC 60W

Ref.	Measures	€
2085	110x80x40mm	50,36

Led strip driver max. 24V DC 150W

Ref.	Measures	€
2087	190x100x40mm	60,46



Controller RGB

Description: RGB controller is a device ready to control the RGB products in low voltage. Stores and carries out up to 11 different standards of color. Pressing the "mode" button, allows to choose the desirable color, and pressing the "speed" button allows to change the speed the model is working at.

Temperature: -20-60°C

Voltage: 12V DC (corriente continua). Do not connet under no premises to 24V DC or 220V AC.

Ouput: 3 CMOS (Complementary metal oxide semiconductor)

Connection: Common anode.



Controller RGB.

Ref.	Measures	Weight	Voltage	€
2060	105x75x29	120g	12V DC	102,79

Controller RGB with remote control

Description: RGB controller is a device ready to control the RGB products in low voltage. Stores and carries out up to 11 different standards of color. Use PWM (Pulse Width Modulation) which allows it to control the standard or the speed of color , being to fix the parameter in the regulator by pressing "mode" or "speed" buttons.

Temperature: -20-60°C

Voltage: 12V DC (corriente continua). Do not connet under no premises to 24V DC or 220V AC.

Ouput: 3 CMOS (Complementary metal oxide semiconductor)

Connection: Common anode.



Controller RGB with remote control

Ref.	Measures	Weight	Voltage	€
2061	95x65x25	250g	12V DC	125,76

Accesories



Aluminium warm dissipator sheet

When the led strip is installed on no heat dissipator materials, like glass or wood, it is recommended to use an aluminium sheet to reduce the temperature of the led.

Ref.	Measures	€
2088	10x1000x2mm	8,29

LED strip controller

Ref.	€
3280	62,70



RGB sign amplifier for IP 20.

Ref.	Measures	€
2089	110x65x30mm	57,68


Garia

Protection degree IP43

- Material:** Extruded aluminium structure, lined with thermo paint, polycarbonate transparent diffuser.
- Optics:** Optics incorporated in the LED lamps.
- Supply:** Electronic equipments adapted to the LED lamp and the power included.
- Lamps:** Continuous Strip LED, with different powers from 9,6 w to 48 w, according to the model.
- Installation:** Directly screw on ceiling or with 1 meter high suspension (screw not included). Adjustable suspension +/- 30° through the accessory (Ref. 3029)
- Colours:** Titanium body, white or black.
- Options:** Also available in other colours, masures and with accessories to create geometrical structures (Intermediate or 90° connections) Ask for more Information.).

**Garia 900 / 13w surface**


Includes electronic transformers, diffuser and LED flexible strip

Ref.	Colour	Lamp	W	€	RAEE lum.
 3020 01 86	White	LED	54x0,24w	185,21	0,30
3020 02 86	Black	LED	54x0,24w	185,21	0,30
3020 45 86	Green	LED	54x0,24w	193,58	0,30
3020 52 86	Chrome matt	LED	54x0,24w	185,21	0,30
3020 60 86	Blue	LED	54x0,24w	193,58	0,30
3020 70 86	Red	LED	54x0,24w	193,58	0,30
3020 90 86	Titanium	LED	54x0,24w	185,21	0,30
3020 91 86	Natural Al.	LED	54x0,24w	193,45	0,30

* Supplied in a standard manner with LED 6500° K lamp

Garia 900 / 13w suspension 1 meter


Includes electronic transformers, diffuser and LED flexible strip

Ref.	Colour	Lamp	W	€	RAEE lum.
 3024 01 86	White	LED	54x0,24w	198,08	0,30
3024 02 86	Black	LED	54x0,24w	198,08	0,30
3024 45 86	Green	LED	54x0,24w	207,98	0,30
3024 52 86	Chrome matt	LED	54x0,24w	198,08	0,30
3024 60 86	Blue	LED	54x0,24w	207,98	0,30
3024 70 86	Red	LED	54x0,24w	207,98	0,30
3024 90 86	Titanium	LED	54x0,24w	198,08	0,30
3024 91 86	Natural Al.	LED	54x0,24w	207,98	0,30

* Supplied in a standard manner with LED 6500° K lamp

Garia 1400 / 20w surface


Includes electronic transformers, diffuser and LED flexible strip

Ref.	Colour	Lamp	W	€	RAEE lum.
 3021 01 86	White	LED	84x0,24w	255,54	0,30
3021 02 86	Black	LED	84x0,24w	255,54	0,30
3021 45 86	Green	LED	84x0,24w	268,31	0,30
3021 52 86	Chrome matt	LED	84x0,24w	255,54	0,30
3021 60 86	Blue	LED	84x0,24w	268,31	0,30
3021 70 86	Red	LED	84x0,24w	268,31	0,30
3021 90 86	Titanium	LED	84x0,24w	255,54	0,30
3021 91 86	Natural Al.	LED	84x0,24w	268,31	0,30

* Supplied in a standard manner with LED 6500° K lamp

Garia 1400 / 20w suspension 1 meter


Includes electronic transformers, diffuser and LED flexible strip

Ref.	Colour	Lamp	W	€	RAEE lum.
 3025 01 86	White	LED	84x0,24w	268,41	0,30
3025 02 86	Black	LED	84x0,24w	268,47	0,30
3025 45 86	Green	LED	84x0,24w	281,83	0,30
3025 52 86	Chrome matt	LED	84x0,24w	268,41	0,30
3025 60 86	Blue	LED	84x0,24w	281,83	0,30
3025 70 86	Red	LED	84x0,24w	281,83	0,30
3025 90 86	Titanium	LED	84x0,24w	268,41	0,30
3025 91 86	Natural Al.	LED	84x0,24w	281,83	0,30

* Supplied in a standard manner with LED 6500° K lamp

Garia 1900 / 28w surface


Includes electronic transformers, diffuser and LED flexible strip

Ref.	Colour	Lamp	W	€	RAEE lum.
 3022 01 86	White	LED	114x0,24w	335,88	0,30
3022 02 86	Black	LED	114x0,24w	335,88	0,30
3022 45 86	Green	LED	114x0,24w	352,67	0,30
3022 52 86	Chrome matt	LED	114x0,24w	335,88	0,30
3022 60 86	Blue	LED	114x0,24w	352,67	0,30
3022 70 86	Red	LED	114x0,24w	352,67	0,30
3022 90 86	Titanium	LED	114x0,24w	335,88	0,30
3022 91 86	Natural Al.	LED	114x0,24w	352,67	0,30

* Supplied in a standard manner with LED 6500° K lamp

Garia 1900 / 28w suspension 1 meter

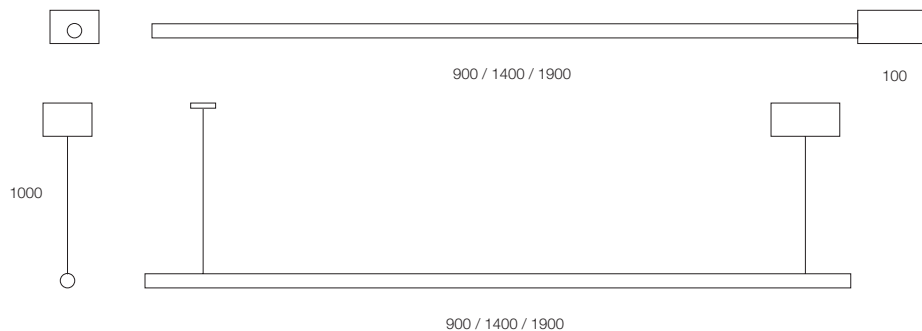
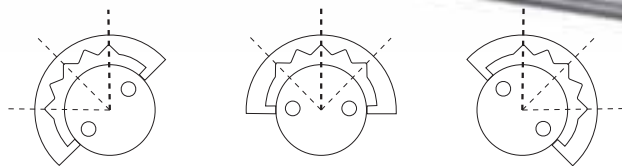
Includes electronic transformers, diffuser and LED flexible strip

Ref.	Colour	Lamp	W	€	RAEE lum.
 3026 01 86	White	LED	114x0,24w	348,75	0,30
3026 02 86	Black	LED	114x0,24w	348,75	0,30
3026 45 86	Green	LED	114x0,24w	366,22	0,30
3026 52 86	Chrome matt	LED	114x0,24w	348,75	0,30
3026 60 86	Blue	LED	114x0,24w	366,22	0,30
3026 70 86	Red	LED	114x0,24w	366,22	0,30
3026 90 86	Titanium	LED	114x0,24w	348,75	0,30
3026 91 86	Natural Al.	LED	114x0,24w	366,22	0,30

* Supplied in a standard manner with LED 6500° K lamp



Garia



Ref. 3027
Joint 90°.



Ref. 3028
Intermediate joint.

OPTIONS LED

IRC / Colour temperature

Ref. 83	3000°K
Ref. 86	6500°K

Incremento accesorios

	€
Ref. RGB LED RGB and controller with remote control	110,20
Ref. 3029 Accessory for orientation	21,80
Ref. 3027 Joint 90°.	26,40
Ref. 3028 Intermediate joint.	12,80

Tulip

Protection degree IP20

Material: Steel sheet thermo painted or electrolytic coat.
Supply: Directly connected to the 220v main.
Lamps: It uses all kinds of lamps for E-27, maximum 100w, suitable for domestic use.
Installation: Directly screw on wall (screw not included).
Colours: Gold, chrome and chrome matt.

Tulip 1 articulación

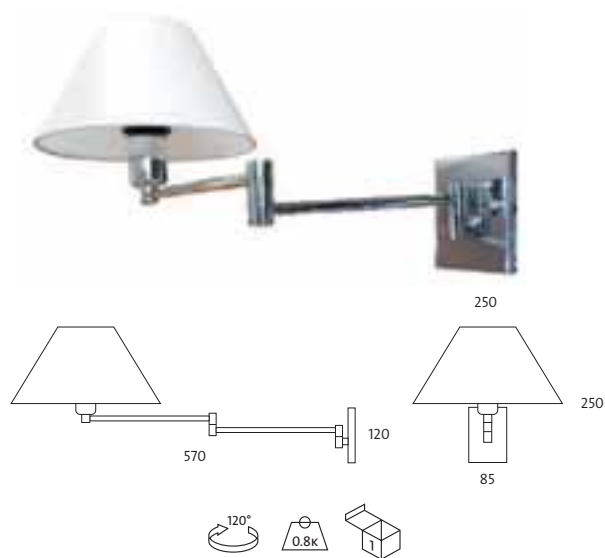
Without lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
E-27 819 03	Gold	-	E-27	Max.100w	45,13	0,30
819 05	Chrome	-	E-27	Max.100w	45,13	0,30
819 52	Chrome matt	-	E-27	Max.100w	45,13	0,30

Tulip 2 articulaciones

Without lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
E-27 821 03	Gold	-	E-27	Max.100w	51,29	0,30
821 05	Chrome	-	E-27	Max.100w	51,29	0,30
821 52	Chrome matt	-	E-27	Max.100w	51,29	0,30



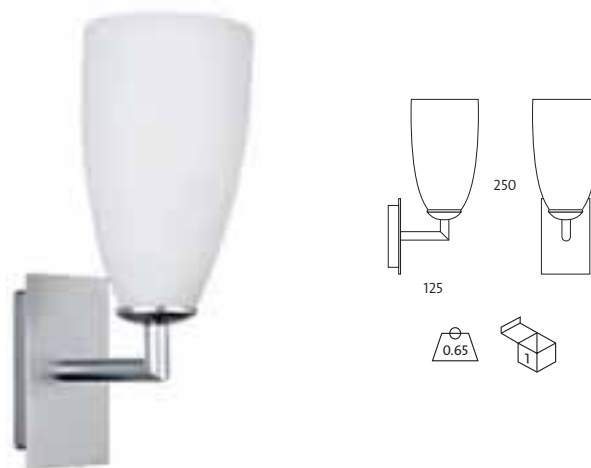
Bama

Protection degree IP20

Material: Steel sheet thermo painted or electrolytic coat and matt glass.
Supply: Directly connected to the 220v main.
Lamps: It uses all kinds of lamps for E-27, maximum 100w, suitable for domestic use.
Installation: Directly screw on wall (screw not included).
Colours: White, gold, chrome, chrome matt and titanium.

Without lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
E-27 818 01	White	-	E-27	Max.100w	41,57	0,30
818 03	Gold	-	E-27	Max.100w	49,04	0,30
818 05	Chrome	-	E-27	Max.100w	49,04	0,30
818 52	Chrome matt	-	E-27	Max.100w	49,04	0,30
818 90	Titanium	-	E-27	Max.100w	49,04	0,30

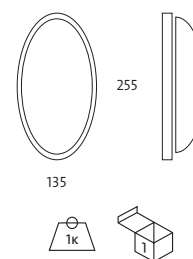




Valo

Protection degree IP43

- Material:** Steel sheet thermo painted or electrolytic coat and matt glass.
- Supply:** Control gear for PL lamps is included. It can be supplied as an option with electronic ballast.
- Lamps:** It uses low consumption PL lamps of 9, 13, and 18 watts, suitable for domestic and commercial areas.
- Installation:** Directly screw on wall (screw not included).
- Colours:** White, gold, chrome, chrome matt and titanium.



Valo PL

Includes low consumption PL lamp

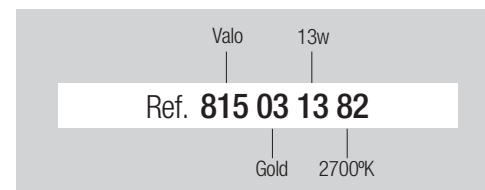


Ref.	Colour	Lamp	L/H	W	€	lum.	RAEE lamp
815 01 09	White	PL	G-23	9w	56,95	0,30	0,20
815 03 09	Gold	PL	G-23	9w	65,81	0,30	0,20
815 05 09	Chrome	PL	G-23	9w	65,81	0,30	0,20
815 52 09	Chrome matt	PL	G-23	9w	65,81	0,30	0,20
815 90 09	Titanium	PL	G-23	9w	65,81	0,30	0,20
815 01 13	White	PL	G24d-1	13w	56,95	0,30	0,20
815 03 13	Gold	PL	G24d-1	13w	65,81	0,30	0,20
815 05 13	Chrome	PL	G24d-1	13w	65,81	0,30	0,20
815 52 13	Chrome matt	PL	G24d-1	13w	65,81	0,30	0,20
815 90 13	Titanium	PL	G24d-1	13w	65,81	0,30	0,20
815 01 18	White	PL	G24d-2	18w	56,95	0,30	0,20
815 03 18	Gold	PL	G24d-2	18w	65,81	0,30	0,20
815 05 18	Chrome	PL	G24d-2	18w	65,81	0,30	0,20
815 52 18	Chrome matt	PL	G24d-2	18w	65,81	0,30	0,20
815 90 18	Titanium	PL	G24d-2	18w	65,81	0,30	0,20

* Supplied in a standard manner with 4200° K lamp

OPTIONS	Ref. 82	Ref. 83	Ref. 84
Colour temperature	2700°K	3000°K	4000°K
PL 9w	•	•	•
PL 13w	•	•	•
PL 18w	•	•	•

Example to write a reference with options



Valo LED



Includes electronic transformers and 3,6w LED



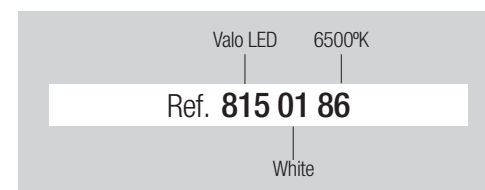
Ref.	Colour	Lamp	W	€	lum.	RAEE lamp
815 01 03	White	LED	3x1.2w	119,08	0,30	
815 03 03	Gold	LED	3x1.2w	127,94	0,30	
815 05 03	Chrome	LED	3x1.2w	127,94	0,30	
815 52 03	Chrome matt	LED	3x1.2w	127,94	0,30	
815 90 03	Titanium	LED	3x1.2w	127,94	0,30	

* Supplied in a standard manner with lamp 3300° K lamp

OPTIONS LED OSRAM DRAGON-X

IRC / Colour temperature	
Ref. 83	3300°K
Ref. 85	5400°K
Ref. 86	6500°K

Example to write a reference with options



Lissco

Protection degree IP20

- Material:** Steel sheet thermo painted or electrolytic coat and matt glass.
Supply: Directly connected to the 220v main.
Lamps: It uses all kinds of lamps for E-27, maximum 100w, suitable for domestic use.
Installation: Directly screw on wall (screw not included).
Colours: White, gold, chrome, chrome matt and titanium.

Without lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	
E-27	817 01	White	-	E-27	Max.100w	26,49	0,30
	817 03	Gold	-	E-27	Max.100w	30,07	0,30
	817 05	Chrome	-	E-27	Max.100w	30,07	0,30
	817 52	Chrome matt	-	E-27	Max.100w	30,07	0,30
	817 90	Titanium	-	E-27	Max.100w	30,07	0,30



Apliques glass

Protection degree IP20

- Material:** Steel sheet thermo painted or electrolytic coat.
Optics: Matt white glass diffuser.
Supply: Directly connected to the 220v main.
Lamps: It uses all kinds of lamps for E-27, maximum 100w, suitable for domestic use.
Installation: Directly screw on wall (screw not included).
Colours: White, black, gold, chrome matt and titanium.
 RAL colours by request.



Aplique 25 cm 1 lamp

Without lamps

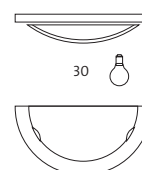
Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	
E-14	813 01	White	-	E-14	Max.100w	12,66	0,30
	813 02	Black	-	E-14	Max.100w	22,76	0,30
	813 03	Gold	-	E-14	Max.100w	22,76	0,30
	813 52	Chrome matt	-	E-14	Max.100w	22,76	0,30
	813 90	Titanium	-	E-14	Max.100w	22,76	0,30



Aplique 30 cm 1 lamp

Without lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	
E-14	814 01	White	-	E-14	Max.100w	14,62	0,30
	814 02	Black	-	E-14	Max.100w	28,27	0,30
	814 03	Gold	-	E-14	Max.100w	28,27	0,30
	814 52	Chrome matt	-	E-14	Max.100w	28,27	0,30
	814 90	Titanium	-	E-14	Max.100w	28,27	0,30





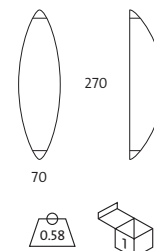
Timver

Protection degree IP20

- Material:** Steel sheet thermo painted or electrolytic coat and matt glass.
- Supply:** Directly connected to the 220v main.
- Lamps:** It uses all kinds of lamps for E-27, maximum 100w, suitable for domestic use.
- Installation:** Directly screw on wall (screw not included).
- Colours:** White, black, gold, crhome, chrome matt, nickel matt and titanium.

Without lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
816 01	White	-	E-27	Max.100w	26,03	0,30
816 02	Black	-	E-27	Max.100w	28,26	0,30
816 03	Gold	-	E-27	Max.100w	28,26	0,30
816 05	Chrome	-	E-27	Max.100w	28,26	0,30
816 52	Chrome matt	-	E-27	Max.100w	28,26	0,30
816 57	Níquel rayado	-	E-27	Max.100w	28,26	0,30
816 90	Titanium	-	E-27	Max.100w	28,26	0,30



Kuga LED

Protection degree IP44



- Material:** Frame made in thermo-painted steel sheet. Plastic-injected body and polycarbonate diffuser.
- Optics:** Optics included in LED lamps. Matt diffuser included.
- Supply:** Built-in driver for each type of lamp and wattage.
- Lamps:** LED lamps Osram Dragon-X.
- Installation:** Installed on surface (bolts not included).
- Colours:** White, chrome, matt chrome and titanium

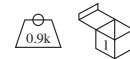
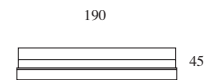
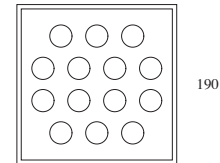


Includes driver, 33,6W LED lamp and diffuser matt.



Ref.	Colour	Lamp	W	€	RAEE lum.
3202 01	White	LED	33,6w	257,08	0,30
3202 05	Chrome	LED	33,6w	261,82	0,30
3202 52	Chrome matt	LED	33,6w	261,82	0,30
3202 90	Titanium	LED	33,6w	261,82	0,30

* Supplied in a standard manner with LED 6500° K lamp



OPTIONS LED OSRAM DRAGON-X

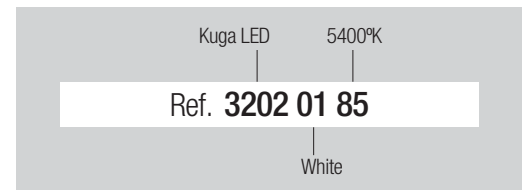
IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K
Ref. 86	6500°K

Incremento accesorios

	€
Ref. 3208 ● LED Red	66,00
Ref. 3209 ● LED Green	66,00
Ref. 3210 ● LED Blue	66,00

Example to write a reference with options





Glass Plafones

Protection degree IP20

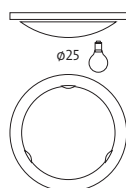
- Material:** Steel sheet thermo painted or electrolytic coat.
Matt white glass diffuser.
- Optics:** Directly connected to the 220v main.
- Supply:** It uses E-27 lamps.
- Lamps:** Directly screw on ceiling (screw not included).
- Installation:** White, black, gold, chrome matt and titanium.
- Colours:** RAL colours by request.



Plafon 25 cm 1 lamp

Without lamps

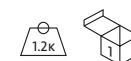
Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
E-14 810 01	White	-	E-14	Max.100w	14,52	0,30
810 02	Black	-	E-14	Max.100w	27,91	0,30
810 03	Gold	-	E-14	Max.100w	27,91	0,30
810 52	Chrome matt	-	E-14	Max.100w	27,91	0,30
810 90	Titanium	-	E-14	Max.100w	27,91	0,30



Plafon 30 cm 2 lamps

Without lamps

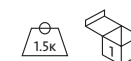
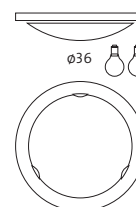
Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
E-14 811 01	White	-	E-14	Max.100w	17,81	0,30
811 02	Black	-	E-14	Max.100w	34,79	0,30
811 03	Gold	-	E-14	Max.100w	34,79	0,30
811 52	Chrome matt	-	E-14	Max.100w	34,79	0,30
811 90	Titanium	-	E-14	Max.100w	34,79	0,30



Plafon 36 cm 2 lamps

Without lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
E-14 812 01	White	-	E-14	Max.100w	21,42	0,30
812 02	Black	-	E-14	Max.100w	38,41	0,30
812 03	Gold	-	E-14	Max.100w	38,41	0,30
812 52	Chrome matt	-	E-14	Max.100w	38,41	0,30
812 90	Titanium	-	E-14	Max.100w	38,41	0,30

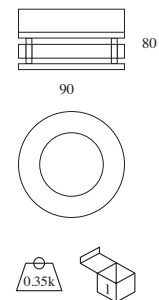
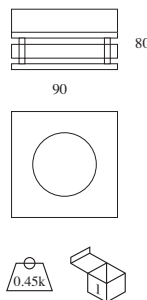




Bravia surface

Protection degree IP20

- Material:** Aluminium and methacrylate.
- Optics:** Optics incorporated in the lamps.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** It uses halogen lamps and LED lamps, suitable for domestic or commercial use.
- Installation:** Directly screw on ceiling (screw not included).
- Colours:** Natural aluminium and methacrylate.



Bravia square surface

Includes lampholder

Ref.	Colour	Lamp	L/H	W	€
1044GU 00	Natural Al.	-	GU-10	-	59,94

Includes DIRECT 220v GU-10 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
1044U 00	Natural Al.	220v50w	GU-10	50w	62,52	0,30

* Supplied in a standard manner with 36° opening lamp

Includes LOW CONSUMPTION lamp 11w GU-10

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
1044K 00 11	Natural Al.	220v11w	GU-10	11w	68,08	0,30 0,30

* Supplied in a standard manner with 40° opening lamp
* Supplied in a standard manner with 4000° K lamp

Includes 4w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
1044L 00 04	Natural Al.	LED	GU-10	4w	99,29	0,30 0,20

* Supplied in a standard manner with 3100° K lamp

Bravia circular surface

Includes lampholder

Ref.	Colour	Lamp	L/H	W	€
1043 00	Natural Al.	-	GU5.3	-	57,68

Includes lampholder

Ref.	Colour	Lamp	L/H	W	€
1043GU 00	Natural Al.	-	GU-10	-	59,01

Includes DIRECT 220v GU-10 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
1043U 00	Natural Al.	220v50w	GU-10	50w	61,59	0,30

* Supplied in a standard manner with 36° opening lamp

Includes LOW CONSUMPTION lamp 11w GU-10

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
1043K 00 11	Natural Al.	220v11w	GU-10	11w	67,15	0,30 0,30

* Supplied in a standard manner with 40° opening lamp
* Supplied in a standard manner with 4000° K lamp

Includes 4w LED lamp

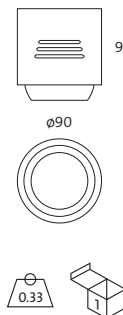
Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
1043L 00 04	Natural Al.	LED	GU-10	4w	98,36	0,30 0,20

* Supplied in a standard manner with 3100° K lamp

Adjustable surface GU-10

Protection degree IP20

- Material:** Steel sheet thermo painted or electrolytic coat.
Optics: Optics incorporated in the lamps.
Supply: Directly connected to the 220v main.
Lamps: It uses halogen GU-10 lamps, suitable for domestic or commercial use.
Installation: Directly screw on ceiling (screw not included).
Colours: White, black, gold, chrome, chrome matt and titanium. RAL colours by request.



Includes lamp HALOGENA GU-10

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
295 01 50	White	220v50w	GU-10	50w	25,13	0,30
295 02 50	Black	220v50w	GU-10	50w	35,22	0,30
295 03 50	Gold	220v50w	GU-10	50w	35,22	0,30
295 05 50	Chrome	220v50w	GU-10	50w	35,22	0,30
295 52 50	Chrome matt	220v50w	GU-10	50w	35,22	0,30
295 90 50	Titanium	220v50w	GU-10	50w	35,22	0,30

* Supplied in a standard manner with 40° opening lamp
 * Supplied in a standard manner with 4000° K lamp

Includes 4w LED lamp

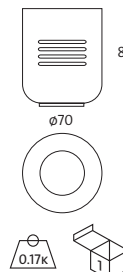
Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
295 01 04	White	LED	GU-10	4w	77,19	0,30
295 02 04	Black	LED	GU-10	4w	87,28	0,30
295 03 04	Gold	LED	GU-10	4w	87,28	0,30
295 05 04	Chrome	LED	GU-10	4w	87,28	0,30
295 52 04	Chrome matt	LED	GU-10	4w	87,28	0,30
295 90 04	Titanium	LED	GU-10	4w	87,28	0,30

* Supplied in a standard manner with 3000° K lamp

Fixed surface GU-10

Protection degree IP20

- Material:** Steel sheet thermo painted or electrolytic coat.
Optics: Optics incorporated in the lamps.
Supply: Directly connected to the 220v main.
Lamps: It uses halogen GU-10 lamps, suitable for domestic or commercial use.
Installation: Directly screw on ceiling (screw not included).
Colours: White, black, gold, chrome, chrome matt and titanium. RAL colours by request.



Includes Gu-10 DICHOIC HALOGEN lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
296 01 50	White	220v50w	GU-10	50w	29,97	0,30
296 02 50	Black	220v50w	GU-10	50w	35,12	0,30
296 03 50	Gold	220v50w	GU-10	50w	35,12	0,30
296 05 50	Chrome	220v50w	GU-10	50w	35,12	0,30
296 52 50	Chrome matt	220v50w	GU-10	50w	35,12	0,30
296 90 50	Titanium	220v50w	GU-10	50w	35,12	0,30

* Supplied in a standard manner with 40° opening lamp
 * Supplied in a standard manner with 4000° K lamp

Includes 4w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
296 01 04	White	LED	GU-10	4w	87,28	0,30
296 02 04	Black	LED	GU-10	4w	122,40	0,30
296 03 04	Gold	LED	GU-10	4w	122,40	0,30
296 05 04	Chrome	LED	GU-10	4w	122,40	0,30
296 52 04	Chrome matt	LED	GU-10	4w	122,40	0,30
296 90 04	Titanium	LED	GU-10	4w	122,40	0,30

* Supplied in a standard manner with 3000° K lamp



Adjustable surface

Protection degree IP20

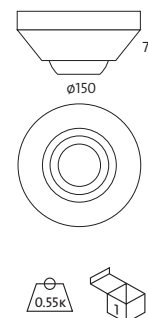
- Material:** Steel sheet thermo painted or electrolytic coat.
- Optics:** Optics incorporated in the lamps.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included.
- Lamps:** It uses dichroic halogen lamps and LED lamps, suitable for domestic or commercial use.
- Installation:** Directly screw on ceiling (screw not included).
- Colours:** White, black, gold, chrome, chrome matt and titanium. RAL colours by request.

Includes electronic transformers and DICHROIC HALOGEN lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
208 01 50	White	12v220v GU5.3	50w	59,11	0,30	
208 02 50	Black	12v220v GU5.3	50w	67,47	0,30	
208 03 50	Gold	12v220v GU5.3	50w	67,47	0,30	
208 05 50	Chrome	12v220v GU5.3	50w	67,47	0,30	
208 52 50	Chrome matt	12v220v GU5.3	50w	67,47	0,30	
208 90 50	Titanium	12v220v GU5.3	50w	67,47	0,30	

* Supplied in a standard manner with 36° opening lamp



Includes driver and MR16 LED RGB lamp



Ref.	Colour	Lamp	L/H	W	€	lum.	RAEE lamp
208L 01 03	White	LED GU5.3	3w	110,50	0,30	0,20	
208L 02 03	Black	LED GU5.3	3w	118,87	0,30	0,20	
208L 03 03	Gold	LED GU5.3	3w	118,87	0,30	0,20	
208L 05 03	Chrome	LED GU5.3	3w	118,87	0,30	0,20	
208L 52 03	Chrome matt	LED GU5.3	3w	118,87	0,30	0,20	
208L 90 03	Titanium	LED GU5.3	3w	118,87	0,30	0,20	

Includes driver and 5w LED lamp



Ref.	Colour	Lamp	L/H	W	€	lum.	RAEE lamp
208L 01 05	White	LED GU5.3	5w	103,70	0,30	0,20	
208L 02 05	Black	LED GU5.3	5w	112,06	0,30	0,20	
208L 03 05	Gold	LED GU5.3	5w	112,06	0,30	0,20	
208L 05 05	Chrome	LED GU5.3	5w	112,06	0,30	0,20	
208L 52 05	Chrome matt	LED GU5.3	5w	112,06	0,30	0,20	
208L 90 05	Titanium	LED GU5.3	5w	112,06	0,30	0,20	

* Supplied in a standard manner with 3100° K lamp



Rough increase of accesories

Ref.	Controlador para MR16 LED RGB lamp	€
3080	Controlador para MR16 LED RGB lamp	6,60

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.

Ceiling-mounted fitting and strip

Protection degree IP20

- Material:** Steel sheet thermo painted or electrolytic coat.
- Optics:** Optics incorporated in the lamps.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included.
- Lamps:** It uses dichroic halogen lamps and LED lamps, suitable for domestic or commercial use.
- Installation:** Directly screw on ceiling (screw not included).
- Colours:** White, black, gold, grafito, chrome, chrome matt and titanium.



Plafon 1 lamp

Includes electronic transformers and DICHROIC HALOGEN lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
231 01 50	White	12v50w	GU5.3	50w	44,94	0,30
231 02 50	Black	12v50w	GU5.3	50w	51,31	0,30
231 03 50	Gold	12v50w	GU5.3	50w	51,31	0,30
231 04 50	Grafito	12v50w	GU5.3	50w	51,31	0,30
231 05 50	Cromado	12v50w	GU5.3	50w	51,31	0,30
231 52 50	Chrome matt	12v50w	GU5.3	50w	51,31	0,30
231 90 50	Titanium	12v50w	GU5.3	50w	51,31	0,30

* Supplied in a standard manner with 36° opening lamp

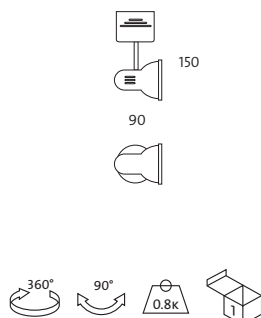
Includes driver and 5w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
231L 01 05	White	LED	GU5.3	5w	89,54	0,30 0,20
231L 02 05	Black	LED	GU5.3	5w	95,91	0,30 0,20
231L 03 05	Gold	LED	GU5.3	5w	95,91	0,30 0,20
231L 04 05	Grafito	LED	GU5.3	5w	95,91	0,30 0,20
231L 05 05	Cromado	LED	GU5.3	5w	95,91	0,30 0,20
231L 52 05	Chrome matt	LED	GU5.3	5w	95,91	0,30 0,20
231L 90 05	Titanium	LED	GU5.3	5w	95,91	0,30 0,20

* Supplied in a standard manner with 3100° K lamp

Includes driver and MR16 LED RGB lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
231L 01 03	White	LED	GU5.3	3w	96,34	0,30 0,20
231L 02 03	Black	LED	GU5.3	3w	102,71	0,30 0,20
231L 03 03	Gold	LED	GU5.3	3w	102,71	0,30 0,20
231L 04 03	Grafito	LED	GU5.3	3w	102,71	0,30 0,20
231L 05 03	Cromado	LED	GU5.3	3w	102,71	0,30 0,20
231L 52 03	Chrome matt	LED	GU5.3	3w	102,71	0,30 0,20
231L 90 03	Titanium	LED	GU5.3	3w	102,71	0,30 0,20



Strip 2 lamps

Includes electronic transformers and DICHROIC HALOGEN lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
232 01 50	White	12v50w	GU5.3	50w	67,50	0,30
232 02 50	Black	12v50w	GU5.3	50w	86,93	0,30
232 03 50	Gold	12v50w	GU5.3	50w	86,93	0,30
232 04 50	Grafito	12v50w	GU5.3	50w	86,93	0,30
232 05 50	Chrome	12v50w	GU5.3	50w	86,93	0,30
232 52 50	Chrome matt	12v50w	GU5.3	50w	86,93	0,30
232 90 50	Titanium	12v50w	GU5.3	50w	86,93	0,30

* Supplied in a standard manner with 36° opening lamp

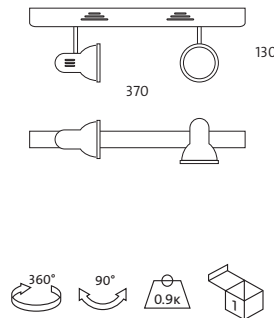
Includes driver and 5w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
232L 01 05	White	LED	GU5.3	5w	156,70	0,30 0,40
232L 02 05	Black	LED	GU5.3	5w	176,13	0,30 0,40
232L 03 05	Gold	LED	GU5.3	5w	176,13	0,30 0,40
232L 04 05	Grafito	LED	GU5.3	5w	176,13	0,30 0,40
232L 05 05	Cromado	LED	GU5.3	5w	176,13	0,30 0,40
232L 52 05	Chrome matt	LED	GU5.3	5w	176,13	0,30 0,40
232L 90 05	Titanium	LED	GU5.3	5w	176,13	0,30 0,40

* Supplied in a standard manner with 3100° K lamp

Includes driver and MR16 LED RGB lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
232L 01 03	White	LED	GU5.3	3w	170,30	0,30 0,40
232L 02 03	Black	LED	GU5.3	3w	189,72	0,30 0,40
232L 03 03	Gold	LED	GU5.3	3w	189,72	0,30 0,40
232L 04 03	Grafito	LED	GU5.3	3w	189,72	0,30 0,40
232L 05 03	Cromado	LED	GU5.3	3w	189,72	0,30 0,40
232L 52 03	Chrome matt	LED	GU5.3	3w	189,72	0,30 0,40
232L 90 03	Titanium	LED	GU5.3	3w	189,72	0,30 0,40



Strip 3 lamps

Includes electronic transformers and DICHROIC HALOGEN lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
233 01 50	White	12v50w	GU5.3	50w	104,94	0,30
233 02 50	Black	12v50w	GU5.3	50w	122,71	0,30
233 03 50	Gold	12v50w	GU5.3	50w	122,71	0,30
233 04 50	Grafito	12v50w	GU5.3	50w	122,71	0,30
233 05 50	Cromado	12v50w	GU5.3	50w	122,71	0,30
233 52 50	Chrome matt	12v50w	GU5.3	50w	122,71	0,30
233 90 50	Titanium	12v50w	GU5.3	50w	122,71	0,30

* Supplied in a standard manner with 36° opening lamp

Includes driver and 5w LED lamp



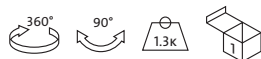
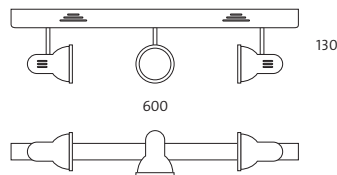
Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
233L 01 05	White	LED	GU5.3	5w	238,71	0,30 0,60
233L 02 05	Black	LED	GU5.3	5w	256,51	0,30 0,60
233L 03 05	Gold	LED	GU5.3	5w	256,51	0,30 0,60
233L 04 05	Grafito	LED	GU5.3	5w	256,51	0,30 0,60
233L 05 05	Cromado	LED	GU5.3	5w	256,51	0,30 0,60
233L 52 05	Chrome matt	LED	GU5.3	5w	256,51	0,30 0,60
233L 90 05	Titanium	LED	GU5.3	5w	256,51	0,30 0,60

* Supplied in a standard manner with 3100° K lamp

Includes driver and MR16 LED RGB lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
233L 01 03	White	LED	GU5.3	3w	259,10	0,30 0,60
233L 02 03	Black	LED	GU5.3	3w	276,90	0,30 0,60
233L 03 03	Gold	LED	GU5.3	3w	276,90	0,30 0,60
233L 04 03	Grafito	LED	GU5.3	3w	276,90	0,30 0,60
233L 05 03	Cromado	LED	GU5.3	3w	276,90	0,30 0,60
233L 52 03	Chrome matt	LED	GU5.3	3w	276,90	0,30 0,60
233L 90 03	Titanium	LED	GU5.3	3w	276,90	0,30 0,60



Rough increase of accessories

Ref.	Controlador para MR16 LED RGB lamp	€
3080	Controlador para MR16 LED RGB lamp	6,60

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.



Plafon 3 lamps

Includes electronic transformers and DICHROIC HALOGEN lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
243 01 50	White	12v50w	GU5.3	50w	115,19	0,30
243 02 50	Black	12v50w	GU5.3	50w	130,54	0,30
243 03 50	Gold	12v50w	GU5.3	50w	130,54	0,30
243 04 50	Grafito	12v50w	GU5.3	50w	130,54	0,30
243 05 50	Cromado	12v50w	GU5.3	50w	130,54	0,30
243 52 50	Chrome matt	12v50w	GU5.3	50w	130,54	0,30
243 90 50	Titanium	12v50w	GU5.3	50w	130,54	0,30

* Supplied in a standard manner with 36° opening lamp

Includes driver and 5w LED lamp



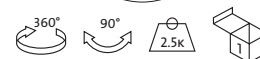
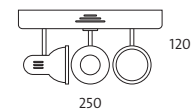
Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
243L 01 05	White	LED	GU5.3	5w	248,99	0,30 0,60
243L 02 05	Black	LED	GU5.3	5w	264,33	0,30 0,60
243L 03 05	Gold	LED	GU5.3	5w	264,33	0,30 0,60
243L 04 05	Grafito	LED	GU5.3	5w	264,33	0,30 0,60
243L 05 05	Cromado	LED	GU5.3	5w	264,33	0,30 0,60
243L 52 05	Chrome matt	LED	GU5.3	5w	264,33	0,30 0,60
243L 90 05	Titanium	LED	GU5.3	5w	264,33	0,30 0,60

* Supplied in a standard manner with 3100° K lamp

Includes driver and MR16 LED RGB lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
243L 01 03	White	LED	GU5.3	3w	269,38	0,30 0,60
243L 02 03	Black	LED	GU5.3	3w	284,73	0,30 0,60
243L 03 03	Gold	LED	GU5.3	3w	284,73	0,30 0,60
243L 04 03	Grafito	LED	GU5.3	3w	284,73	0,30 0,60
243L 05 03	Cromado	LED	GU5.3	3w	284,73	0,30 0,60
243L 52 03	Chrome matt	LED	GU5.3	3w	284,73	0,30 0,60
243L 90 03	Titanium	LED	GU5.3	3w	284,73	0,30 0,60



Ceiling-mounted fitting and strip

Protection degree IP20

- Material:** Glass and steel chromed sheet, with thermo painted or electrolytic coat.
- Optics:** Optics incorporated in the lamps.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included.
- Lamps:** It uses dichroic halogen lamps and LED lamps, suitable for domestic or commercial use.
- Installation:** Directly screw on ceiling (screw not included).
- Colours:** White, black, gold, grafito, chrome, chrome matt and titanium.



Plafon 1 lamp

Includes electronic transformers and DICHROIC HALOGEN lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
251 01 XX 50	White	12v50w	GU5.3	50w	53,51	0,30
251 02 XX 50	Black	12v50w	GU5.3	50w	59,13	0,30
251 03 XX 50	Gold	12v50w	GU5.3	50w	59,13	0,30
251 05 XX 50	Cromado	12v50w	GU5.3	50w	59,13	0,30
251 52 XX 50	Chrome matt	12v50w	GU5.3	50w	59,13	0,30
251 90 XX 50	Titanium	12v50w	GU5.3	50w	59,13	0,30

- * **XX** Reference option colour glass
- * Supplied in a standard manner with 36° opening lamp

Includes driver and 5w LED lamp

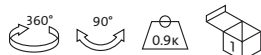
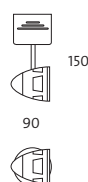
Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
251L 01 XX 05	White	LED	GU5.3	5w	98,11	0,30 0,20
251L 02 XX 05	Black	LED	GU5.3	5w	104,07	0,30 0,20
251L 03 XX 05	Gold	LED	GU5.3	5w	104,07	0,30 0,20
251L 05 XX 05	Cromado	LED	GU5.3	5w	104,07	0,30 0,20
251L 52 XX 05	Chrome matt	LED	GU5.3	5w	104,07	0,30 0,20
251L 90 XX 05	Titanium	LED	GU5.3	5w	104,07	0,30 0,20

- * **XX** Reference option colour glass
- * Supplied in a standard manner with 3100° K lamp

Includes driver and LED lamp RGB 3W

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
251L 01 XX 03	White	LED	GU5.3	3w	104,91	0,30 0,20
251L 02 XX 03	Black	LED	GU5.3	3w	110,86	0,30 0,20
251L 03 XX 03	Gold	LED	GU5.3	3w	110,86	0,30 0,20
251L 05 XX 03	Cromado	LED	GU5.3	3w	110,86	0,30 0,20
251L 52 XX 03	Chrome matt	LED	GU5.3	3w	110,86	0,30 0,20
251L 90 XX 03	Titanium	LED	GU5.3	3w	110,86	0,30 0,20

- * **XX** Reference option colour glass



Strip 2 lamps

Includes electronic transformers and DICHROIC HALOGEN lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
262 01 XX 50	White	12v50w	GU5.3	50w	81,68	0,30
262 02 XX 50	Black	12v50w	GU5.3	50w	99,82	0,30
262 03 XX 50	Gold	12v50w	GU5.3	50w	99,82	0,30
262 05 XX 50	Cromado	12v50w	GU5.3	50w	99,82	0,30
262 52 XX 50	Chrome matt	12v50w	GU5.3	50w	99,82	0,30
262 90 XX 50	Titanium	12v50w	GU5.3	50w	99,82	0,30

- * **XX** Reference option colour glass
- * Supplied in a standard manner with 36° opening lamp

Includes driver and 5w LED lamp

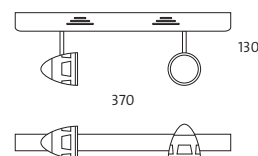
Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
262L 01 XX 05	White	LED	GU5.3	5w	171,26	0,30 0,40
262L 02 XX 05	Black	LED	GU5.3	5w	192,01	0,30 0,40
262L 03 XX 05	Gold	LED	GU5.3	5w	192,01	0,30 0,40
262L 05 XX 05	Cromado	LED	GU5.3	5w	192,01	0,30 0,40
262L 52 XX 05	Chrome matt	LED	GU5.3	5w	192,01	0,30 0,40
262L 90 XX 05	Titanium	LED	GU5.3	5w	192,01	0,30 0,40

- * **XX** Reference option colour glass
- * Supplied in a standard manner with 3100° K lamp

Includes driver and LED lamp RGB 3W

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
262L 01 XX 03	White	LED	GU5.3	3w	186,92	0,30 0,40
262L 02 XX 03	Black	LED	GU5.3	3w	205,60	0,30 0,40
262L 03 XX 03	Gold	LED	GU5.3	3w	205,60	0,30 0,40
262L 05 XX 03	Cromado	LED	GU5.3	3w	205,60	0,30 0,40
262L 52 XX 03	Chrome matt	LED	GU5.3	3w	205,60	0,30 0,40
262L 90 XX 03	Titanium	LED	GU5.3	3w	205,60	0,30 0,40

- * **XX** Reference option colour glass



Strip 3 lamps

Includes electronic transformers and DICHROIC HALOGEN lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
263 01 XX 50	White	12v50w	GU5.3	50w	121,36	0,30
263 02 XX 50	Black	12v50w	GU5.3	50w	140,53	0,30
263 03 XX 50	Gold	12v50w	GU5.3	50w	140,53	0,30
263 05 XX 50	Cromado	12v50w	GU5.3	50w	140,53	0,30
263 52 XX 50	Chrome matt	12v50w	GU5.3	50w	140,53	0,30
263 90 XX 50	Titanium	12v50w	GU5.3	50w	140,53	0,30

* **XX** Reference option colour glass

* Supplied in a standard manner with 36° opening lamp



Plafon 3 lamps

Includes electronic transformers and DICHROIC HALOGEN lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
253 01 XX 50	White	12v50w	GU5.3	50w	137,50	0,30
253 02 XX 50	Black	12v50w	GU5.3	50w	150,68	0,30
253 03 XX 50	Gold	12v50w	GU5.3	50w	150,68	0,30
253 05 XX 50	Cromado	12v50w	GU5.3	50w	150,68	0,30
253 52 XX 50	Chrome matt	12v50w	GU5.3	50w	150,68	0,30
253 90 XX 50	Titanium	12v50w	GU5.3	50w	150,68	0,30

* **XX** Reference option colour glass

* Supplied in a standard manner with 36° opening lamp

Includes driver and 5w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
263L 01 XX 05	White	LED	GU5.3	5w	258,79	0,30 0,60
263L 02 XX 05	Black	LED	GU5.3	5w	274,33	0,30 0,60
263L 03 XX 05	Gold	LED	GU5.3	5w	274,33	0,30 0,60
263L 05 XX 05	Cromado	LED	GU5.3	5w	274,33	0,30 0,60
263L 52 XX 05	Chrome matt	LED	GU5.3	5w	274,33	0,30 0,60
263L 90 XX 05	Titanium	LED	GU5.3	5w	274,33	0,30 0,60

* **XX** Reference option colour glass

* Supplied in a standard manner with 3100° K lamp

Includes driver and 5w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
253L 01 XX 05	White	LED	GU5.3	5w	273,30	0,30 0,60
253L 02 XX 05	Black	LED	GU5.3	5w	284,48	0,30 0,60
253L 03 XX 05	Gold	LED	GU5.3	5w	284,48	0,30 0,60
253L 05 XX 05	Cromado	LED	GU5.3	5w	284,48	0,30 0,60
253L 52 XX 05	Chrome matt	LED	GU5.3	5w	284,48	0,30 0,60
253L 90 XX 05	Titanium	LED	GU5.3	5w	284,48	0,30 0,60

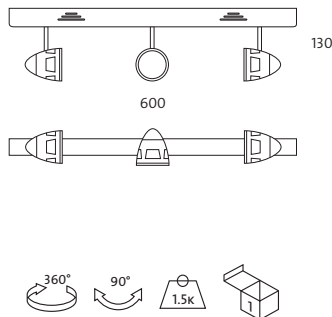
* **XX** Reference option colour glass

* Supplied in a standard manner with 3100° K lamp

Includes driver and LED lamp RGB 3W

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
263L 01 XX 03	White	LED	GU5.3	3w	279,19	0,30 0,60
263L 02 XX 03	Black	LED	GU5.3	3w	294,72	0,30 0,60
263L 03 XX 03	Gold	LED	GU5.3	3w	294,72	0,30 0,60
263L 05 XX 03	Cromado	LED	GU5.3	3w	294,72	0,30 0,60
263L 52 XX 03	Chrome matt	LED	GU5.3	3w	294,72	0,30 0,60
263L 90 XX 03	Titanium	LED	GU5.3	3w	294,72	0,30 0,60

* **XX** Reference option colour glass



OPTIONS

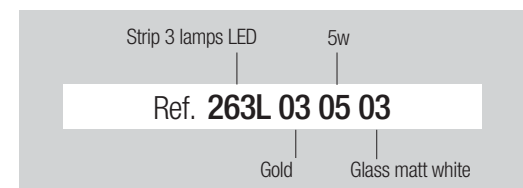
Colour glass

<input type="checkbox"/>	Ref. 06	White matt
<input type="checkbox"/>	Ref. 08	Blue
<input type="checkbox"/>	Ref. 09	Green

Ref.	Controlador para MR16 LED RGB lamp	€
3080	Controlador para MR16 LED RGB lamp	6,60

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.

Example to write a reference with options



Ceiling-mounted fitting and strip R-63

Protection degree IP20

Material:	Steel sheet thermo painted or electrolytic coat.
Optics:	Optics incorporated in the lamps.
Supply:	Directly connected to the 220v main.
Lamps:	It uses E-27 and R-63 lamps
Installation:	Directly screw on ceiling (screw not included).
Colours:	White, black, gold, chrome matt and titanium. Other colours by request.



Plafon 1 lamp

Without lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
331 01	White	-	E-27	-	12,60	0,30
331 02	Black	-	E-27	-	22,66	0,30
331 03	Gold	-	E-27	-	22,66	0,30
331 52	Chrome matt	-	E-27	-	22,66	0,30
331 90	Titanium	-	E-27	-	22,66	0,30

Includes lamp R-63



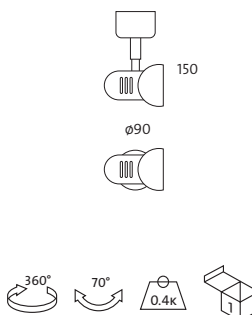
Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
331 01 60	White	R-63	E-27	60w	15,38	0,30
331 02 60	Black	R-63	E-27	60w	26,47	0,30
331 03 60	Gold	R-63	E-27	60w	26,47	0,30
331 52 60	Chrome matt	R-63	E-27	60w	26,47	0,30
331 90 60	Titanium	R-63	E-27	60w	26,47	0,30

Includes R-63 320 lumens LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
331 01 06	White	Led	E-27	6w	69,77	0,30 0,20
331 02 06	Black	Led	E-27	6w	79,82	0,30 0,20
331 03 06	Gold	Led	E-27	6w	79,82	0,30 0,20
331 52 06	Chrome matt	Led	E-27	6w	79,82	0,30 0,20
331 90 06	Titanium	Led	E-27	6w	79,82	0,30 0,20

* Supplied in a standard manner with 4000° K lamp



Plafon 2 lamps

Without lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
342 01	White	-	E-27	-	25,64	0,30
342 02	Black	-	E-27	-	50,67	0,30
342 03	Gold	-	E-27	-	50,67	0,30
342 52	Chrome matt	-	E-27	-	50,67	0,30
342 90	Titanium	-	E-27	-	50,67	0,30

Includes lamp R-63



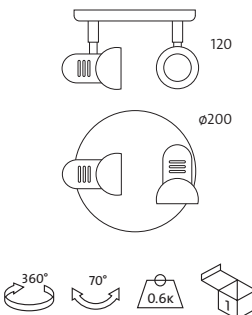
Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
342 01 60	White	R-63	E-27	60w	31,82	0,30
342 02 60	Black	R-63	E-27	60w	56,85	0,30
342 03 60	Gold	R-63	E-27	60w	56,85	0,30
342 52 60	Chrome matt	R-63	E-27	60w	56,85	0,30
342 90 60	Titanium	R-63	E-27	60w	56,85	0,30

Includes R-63 320 lumens LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
342 01 06	White	Led	E-27	6w	139,97	0,30 0,40
342 02 06	Black	Led	E-27	6w	165,00	0,30 0,40
342 03 06	Gold	Led	E-27	6w	165,00	0,30 0,40
342 52 06	Chrome matt	Led	E-27	6w	165,00	0,30 0,40
342 90 06	Titanium	Led	E-27	6w	165,00	0,30 0,40

* Supplied in a standard manner with 4000° K lamp



Plafon 3 lamps

Without lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
343 01	White	-	E-27	-	34,91	0,30
343 02	Black	-	E-27	-	67,26	0,30
343 03	Gold	-	E-27	-	67,26	0,30
343 52	Chrome matt	-	E-27	-	67,26	0,30
343 90	Titanium	-	E-27	-	67,26	0,30

Includes lamp R-63



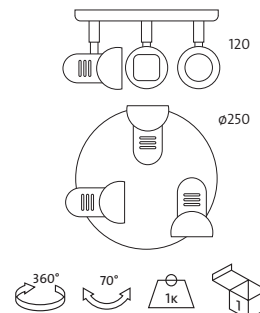
Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
343 01 60	White	R-63	E-27	60w	43,26	0,30
343 02 60	Black	R-63	E-27	60w	76,02	0,30
343 03 60	Gold	R-63	E-27	60w	76,02	0,30
343 52 60	Chrome matt	R-63	E-27	60w	76,02	0,30
343 90 60	Titanium	R-63	E-27	60w	76,02	0,30

Includes R-63 320 lumens LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
343 01 06	White	Led	E-27	6w	206,41	0,30 0,60
343 02 06	Black	Led	E-27	6w	247,33	0,30 0,60
343 03 06	Gold	Led	E-27	6w	247,33	0,30 0,60
343 52 06	Chrome matt	Led	E-27	6w	247,33	0,30 0,60
343 90 06	Titanium	Led	E-27	6w	247,33	0,30 0,60

* Supplied in a standard manner with 4000° K lamp



Strip 2 lamps

Without lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
332 01	White	-	E-27	-	22,35	0,30
332 02	Black	-	E-27	-	41,50	0,30
332 03	Gold	-	E-27	-	41,50	0,30
332 52	Chrome matt	-	E-27	-	41,50	0,30
332 90	Titanium	-	E-27	-	41,50	0,30

Includes lamp R-63



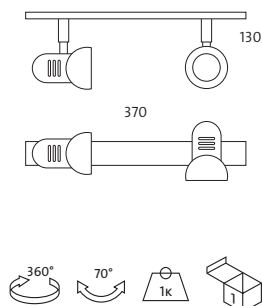
Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
332 01 60	White	R-63	E-27	60w	27,91	0,30
332 02 60	Black	R-63	E-27	60w	43,30	0,30
332 03 60	Gold	R-63	E-27	60w	43,30	0,30
332 52 60	Chrome matt	R-63	E-27	60w	43,30	0,30
332 90 60	Titanium	R-63	E-27	60w	43,30	0,30

Includes R-63 320 lumens LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
332 01 06	White	Led	E-27	6w	136,68	0,30 0,40
332 02 06	Black	Led	E-27	6w	167,27	0,30 0,40
332 03 06	Gold	Led	E-27	6w	167,27	0,30 0,40
332 52 06	Chrome matt	Led	E-27	6w	167,27	0,30 0,40
332 90 06	Titanium	Led	E-27	6w	167,27	0,30 0,40

* Supplied in a standard manner with 4000° K lamp



Strip 3 lamps

Without lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
333 01	White	-	E-27	-	33,47	0,30
333 02	Black	-	E-27	-	84,25	0,30
333 03	Gold	-	E-27	-	84,25	0,30
333 52	Chrome matt	-	E-27	-	84,25	0,30
333 90	Titanium	-	E-27	-	84,25	0,30

Includes lamp R-63



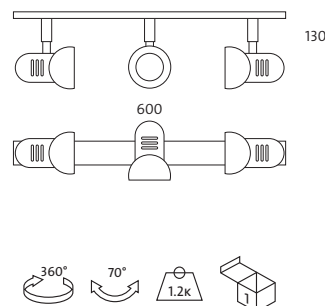
Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
333 01 60	White	R-63	E-27	60w	39,96	0,30
333 02 60	Black	R-63	E-27	60w	90,74	0,30
333 03 60	Gold	R-63	E-27	60w	90,74	0,30
333 52 60	Chrome matt	R-63	E-27	60w	90,74	0,30
333 90 60	Titanium	R-63	E-27	60w	90,74	0,30

Includes R-63 320 lumens LED lamp

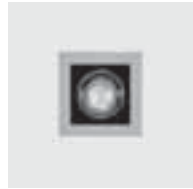


Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
333 01 06	White	Led	E-27	6w	204,97	0,30 0,60
333 02 06	Black	Led	E-27	6w	255,74	0,30 0,60
333 03 06	Gold	Led	E-27	6w	255,74	0,30 0,60
333 52 06	Chrome matt	Led	E-27	6w	255,74	0,30 0,60
333 90 06	Titanium	Led	E-27	6w	255,74	0,30 0,60

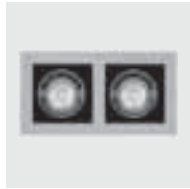
* Supplied in a standard manner with 4000° K lamp



Minicom



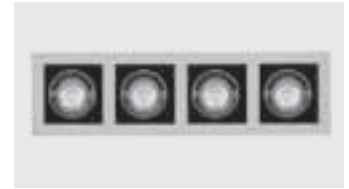
Minicom 1 dichroic 92
Minicom 1 led 2/5w
Minicom 1 led RGB



Minicom 2 dichroic 92
Minicom 2 led 2/5w
Minicom 2 led RGB

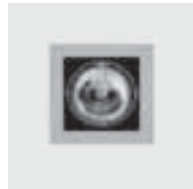


Minicom 3 dichroic 93
Minicom 3 led 2/5w
Minicom 3 led RGB

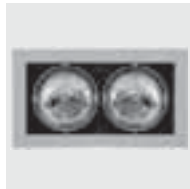


Minicom 4 dichroic 93
Minicom 4 led 2/5w
Minicom 4 led RGB

Eurocom



Eurocom 1 QR-111 94
Eurocom 1 LED-111



Eurocom 2 QR-111 94
Eurocom 2 LED-111

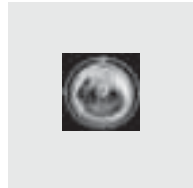


Eurocom 3 QR-111 94
Eurocom 3 LED-111

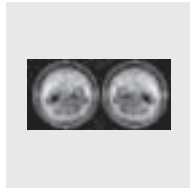


Eurocom 4 QR-111 94
Eurocom 4 LED-111

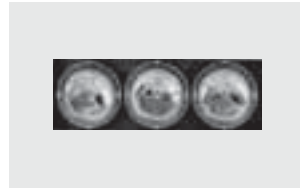
Eurocom frameless



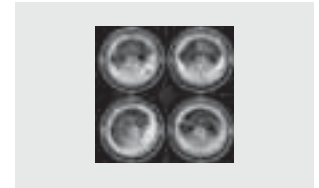
Eurocom frameless 96
1 QR-111 / 1 LED-111
1 CDM-R 111



Eurocom frameless 96
2 QR-111 / 2 LED-111
2 CDM-R 111



Eurocom frameless 3 QR-111 97
Eurocom frameless 3 LED-111
Eurocom frameless 3 CDM-R 111



Eurocom frameless 4 QR-111 97
Eurocom frameless 4 LED-111
Eurocom frameless 4 CDM-R 111

Diricom



Diricom 1 QR-111 98
Diricom 1 LED-111
Diricom 1 CDM-R 111



Diricom 2 QR-111 98
Diricom 2 LED-111
Diricom 2 CDM-R 111



Diricom 3 QR-111 99
Diricom 3 LED-111
Diricom 3 CDM-R 111



Diricom 4 QR-111 99
Diricom 4 LED-111
Diricom 4 CDM-R 111

Eurocombi



Eurocombi 1 PLT 100



Eurocombi PLT+QR 100
Eurocombi PLT+LED



Eurocombi PLT+2QR 101
Eurocombi PLT+2LED



Eurocombi 2PLT+QR 103
Eurocombi 2PLT+LED

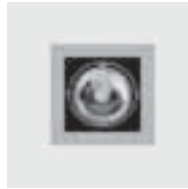


Eurocombi PLT+3QR 105
Eurocombi PLT+3LED

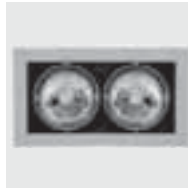


Eurocombi 2PLT+2QR 107
Eurocombi 2PLT+2LED

Lecom CDM-R111



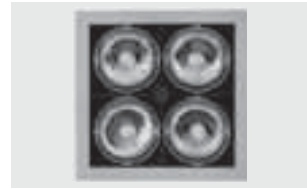
Lecom 1 CDM-R 111 **108**



Lecom 2 CDM-R 111 **108**

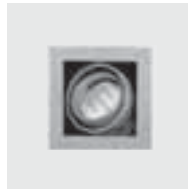


Lecom 3 CDM-R 111 **108**



Lecom 4 CDM-R 111 **108**

Lecom HQI/E-27/PAR30



Lecom 1 HQI **110**
Lecom 1 E-27 HQI
Lecom 1 PAR30
Lecom 1 PAR30 LED



Lecom 2 HQI **110**
Lecom 2 E-27 HQI
Lecom 2 PAR30
Lecom 2 PAR30 LED



Lecom 3 HQI **110**
Lecom 3 E-27 HQI
Lecom 3 PAR30
Lecom 3 PAR30 LED



Lecom 4 HQI **110**
Lecom 4 E-27 HQI
Lecom 4 PAR30
Lecom 4 PAR30 LED

Recessed Fried



Recessed Fried 745, Recessed Fried 900, Recessed Fried 940, Recessed Fried 1150, Recessed Fried 1500, Recessed Fried 1700 **112**

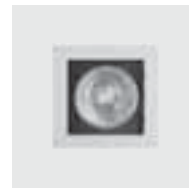
Nogo / Wok



Nogo CDM-R 111 **114**
Nogo LED 111
Nogo QR 111

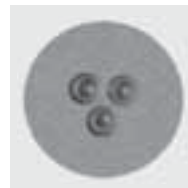


Wok asymmetric dich. **115**
Wok asymmetric led 5w
Wok asymmetric led RGB



Wok dichroic **115**
Wok led 2/5w
Wok led MR16 RGB

Modus / Épica



Modus **116**

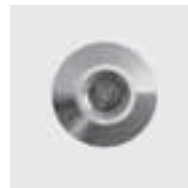


Épica **119**

Boxter / Colver



Boxter **117**



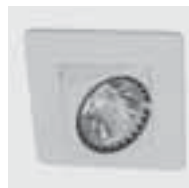
Colver **117**

**Recessed 50mm
aluminium**

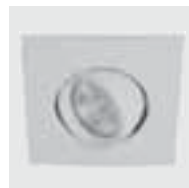

Adjust. alum. dich. **120**
Adjust. alum. led 2/5w
Adjust. alum. led RGB



Osc. aluminium dich. **121**
Osc. aluminium led 2/5w
Osc. aluminium led RGB



Square alumini. dich. **122**
Square alumin. led 2/5w
Square alumin. led RGB



Adjust. Square dich. **123**
Adjust. Square led 2/5w
Adjust. Square . led RGB



Adjust. circ. dich. **124**
Adjust. circ. led 2/5w
Adjust. circ. led RGB



Adjustable GU-10 **124**



Cibolin dichroic **125**
Cibolin GU-10
Cibolin led 2/5w
Cibolin led MR16 RGB



Logic Square dichroic **126**
Logic Square led 2/5w
Logic Square led RGB



Logic dichroic **127**
Logic led 2/5w
Logic led RGB



Logic Osc. dichroic **127**
Logic Osc. led 2/5w
Logic Osc. led RGB



Bravia Square dich. **129**
Bravia Square GU-10
Bravia Square led 2/5/7w
Bravia Square led RGB



Bravia circ. dich. **129**
Bravia circ. GU-10
Bravia circ. led 2/5/7w
Bravia circ. led RGB


**Recessed 50mm
zamak**


Square zamak dich. **130**
Square zamak GU-10
Square zamak led 2/5/7w
Square zamak led RGB



Star zamak dich. **131**
Star zamak GU-10
Star zamak led 2/5/7w
Star zamak led RGB



Osc. zamak dich. **132**
Osc. zamak GU-10
Osc. zamak led 2/5/7w
Osc. zamak led RGB



Fixed zamak dich. **133**
Fixed zamak GU-10
Fixed zamak led 2/5/7w
Fixed zamak led RGB

**Recessed 50mm
steel sheet**


Fixed sin bor. dichroic **134**
Fixed sin bor. GU-10
Fixed sin bor. led 2/5/7w
Fixed sin bor. led RGB



Adjustable dichroic **135**
Adjustable GU-10
Adjustable led 2/5/7w
Adjustable led RGB



Oscillating dichroic **136**
Oscillating GU-10
Oscillating led 2/5/7w
Oscillating led RGB



Fixed circ. dichroic **137**
Fixed circ. GU-10
Fixed circ. led 2/5/7w
Fixed circ. led RGB

**Recessed 50mm
other materials**


Adjust. glass dich. **138**
Adjust. glass led 2/5w
Adjust. glass led RGB



Oscillating glass dich. **139**
Oscillating glass led 2/5w
Oscillating glass led RGB



Fixed glass dich. **141**
Fixed glass led 2/5w
Fixed glass led RGB



Adjust. wood dich. **143**
Adjust. wood GU-10
Adjust. wood led 2/5/7w
Adjust. wood led RGB

**Recessed 35mm
steel sheet**


Adjustable dichroic **145**



Fixed dichroic **145**

Other luminaries



Kan dichroic **147**
 Kan led 2/5/7w
 Kan led MR16 RGB



Miniducto halogen **148**



Or. rectan. alu. halog. **148**
 Or. rectan. alu. HQI



Fixed HQI aluminium **149**



Adjust. HQI aluminium **149**



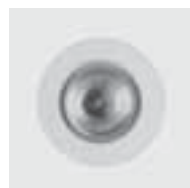
Empotrable lineal **151**



Adjustable sodium **151**



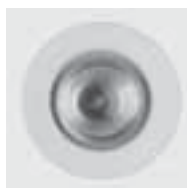
Adjustable circ. R50 **152**
 Adjustable circ. R50 LED



Fixed circ. R50 **152**
 Fixed circ. R50 LED



Adjustable circ. R63 **153**
 Adjustable circ. R63 LED



Fixed R63 **153**
 Fixed R63 LED
 Fixed R80/R90 **154**



Fixed PAR20 **155**
 Fixed PAR20 LED **156**



Fixed PAR30/PAR38 **155**
 Fixed PAR30/PAR38 LED **157**

Recessed wall



Nunak vertical **158**
 Nunak vertical LED



Nunak horizontal **158**
 Nunak horizontal LED



Kosten rectangular **161**
 Kosten rect. LED 3.6w



Kosten square **160**

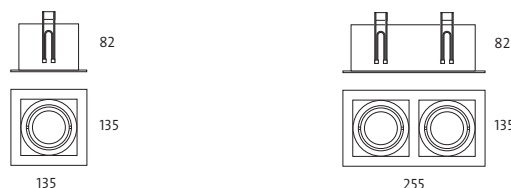




Minicom

Protection degree IP20

- Material:** Steel sheet and injected aluminium thermo painted.
- Optics:** Optics incorporated in the lamps, each lamp is adjustable independently with Cardam system.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models
- Lamps:** The series of MINICOM lightings use halogen lamps and LED lamps, suitable for domestic or commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** Outer trim in die-cast finished in titanium with black or titanium internal rings. Supplied in matt white, as an option, in chrome matt or different options by request.



Minicom 1 lamp

Includes electronic equipment and DICHROIC HALOGEN lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
091 01 50	White	12v50w	GU5.3	50w	45,64	0.30
091 02 50	Black int. rings	12v50w	GU5.3	50w	47,01	0.30
091 90 50	Tit. int. rings	12v50w	GU5.3	50w	47,01	0.30

* Supplied in a standard manner with 36° opening lamp

Includes 2W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
091L 01 02	White	LED	GU-10	2w	51,10	0.30 0.20
091L 02 02	Black int. rings	LED	GU-10	2w	52,64	0.30 0.20
091L 90 02	Tit. int. rings	LED	GU-10	2w	52,64	0.30 0.20

* Supplied in a standard manner with 3000° K lamp lamp

Includes 4W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
091L 01 04	White	LED	GU-10	4w	84,99	0.30 0.20
091L 02 04	Black int. rings	LED	GU-10	4w	87,69	0.30 0.20
091L 90 04	Tit. int. rings	LED	GU-10	4w	87,69	0.30 0.20

* Supplied in a standard manner with 3000° K lamp lamp

Includes driver and 5W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
091L 01 05	White	LED	GU5.3	5w	90,24	0.30 0.20
091L 02 05	Black int. rings	LED	GU5.3	5w	92,95	0.30 0.20
091L 90 05	Tit. int. rings	LED	GU5.3	5w	92,95	0.30 0.20

* Supplied in a standard manner with 3100° K lamp lamp

Includes driver and MR16 LED RGB lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
091L 01 03	White	LED	GU5.3	3w	97,04	0.30 0.20
091L 02 03	Black int. rings	LED	GU5.3	3w	99,95	0.30 0.20
091L 90 03	Tit. int. rings	LED	GU5.3	3w	99,95	0.30 0.20

Ref.	Colour	Lamp	€
3080	Controller MR16 LED RGB lamp		6,60

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.



Minicom 2 lamps

Includes electronic equipment and DICHROIC HALOGEN lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
092 01 50	White	12v50w	GU5.3	2x50w	71,31	0.30
092 02 50	Black int. rings	12v50w	GU5.3	2x50w	73,44	0.30
092 90 50	Tit. int. rings	12v50w	GU5.3	2x50w	73,44	0.30

* Supplied in a standard manner with 36° opening lamp

Includes 2W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
092L 01 02	White	LED	GU-10	2x2w	82,23	0.30 0.40
092L 02 02	Black int. rings	LED	GU-10	2x2w	84,70	0.30 0.40
092L 90 02	Tit. int. rings	LED	GU-10	2x2w	84,70	0.30 0.40

* Supplied in a standard manner with 3000° K lamp lamp

Includes 4W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
092L 01 04	White	LED	GU-10	2x4w	150,00	0.30 0.40
092L 02 04	Black int. rings	LED	GU-10	2x4w	154,50	0.30 0.40
092L 90 04	Tit. int. rings	LED	GU-10	2x4w	154,50	0.30 0.40

* Supplied in a standard manner with 3000° K lamp lamp

Includes driver and 5W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
092L 01 05	White	LED	GU5.3	2x5w	160,51	0.30 0.40
092L 02 05	Black int. rings	LED	GU5.3	2x5w	165,33	0.30 0.40
092L 90 05	Tit. int. rings	LED	GU5.3	2x5w	165,33	0.30 0.40

* Supplied in a standard manner with 3100° K lamp lamp

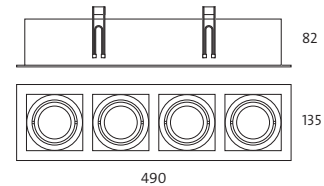
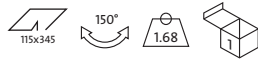
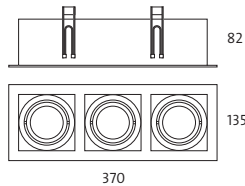
Includes driver and MR16 LED RGB lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
092L 01 03	White	LED	GU5.3	2x3w	174,11	0.30 0.40
092L 02 03	Black int. rings	LED	GU5.3	2x3w	179,33	0.30 0.40
092L 90 03	Tit. int. rings	LED	GU5.3	2x3w	179,33	0.30 0.40

Ref.	Colour	Lamp	€
3080	Controller MR16 LED RGB lamp		6,60

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.





Minicom 3 lamps

Includes electronic equipment and DICHROIC HALOGEN lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
093 01 50	White	12v50w	GU5.3	3x50w	100,40	0.30	0.30
093 02 50	Black int. rings	12v50w	GU5.3	3x50w	103,41	0.30	0.30
093 90 50	Tit. int. rings	12v50w	GU5.3	3x50w	103,41	0.30	0.30

* Supplied in a standard manner with 36° opening lamp

Includes 2W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
093L 01 02	White	LED	GU-10	3x2w	116,78	0.30	0.60
093L 02 02	Black int. rings	LED	GU-10	3x2w	120,28	0.30	0.60
093L 90 02	Tit. int. rings	LED	GU-10	3x2w	120,28	0.30	0.60

* Supplied in a standard manner with 3000° K lamp lamp

Includes 4W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
093L 01 04	White	LED	GU-10	3x4w	218,44	0.30	0.60
093L 02 04	Black int. rings	LED	GU-10	3x4w	225,46	0.30	0.60
093L 90 04	Tit. int. rings	LED	GU-10	3x4w	225,46	0.30	0.60

* Supplied in a standard manner with 3000° K lamp lamp

Includes driver and 5W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
093L 01 05	White	LED	GU5.3	3x5w	234,20	0.30	0.60
093L 02 05	Black int. rings	LED	GU5.3	3x5w	241,22	0.30	0.60
093L 90 05	Tit. int. rings	LED	GU5.3	3x5w	241,22	0.30	0.60

* Supplied in a standard manner with 3100° K lamp lamp

Includes driver and MR16 LED RGB lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
093L 01 03	White	LED	GU5.3	3x3w	254,59	0.30	0.60
093L 02 03	Black int. rings	LED	GU5.3	3x3w	262,22	0.30	0.60
093L 90 03	Tit. int. rings	LED	GU5.3	3x3w	262,22	0.30	0.60

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
3080	Controller MR16 LED RGB lamp				6,60		

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.



Minicom 4 lamps

Includes electronic equipment and DICHROIC HALOGEN lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
094 01 50	White	12v50w	GU5.3	4x50w	132,49	0.30	0.30
094 02 50	Black int. rings	12v50w	GU5.3	4x50w	136,46	0.30	0.30
094 90 50	Tit. int. rings	12v50w	GU5.3	4x50w	136,46	0.30	0.30

* Supplied in a standard manner with 36° opening lamp

Includes 2W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
094L 01 02	White	LED	GU-10	4x2w	154,33	0.30	0.80
094L 02 02	Black int. rings	LED	GU-10	4x2w	158,95	0.30	0.80
094L 90 02	Tit. int. rings	LED	GU-10	4x2w	158,95	0.30	0.80

* Supplied in a standard manner with 3000° K lamp lamp

Includes 4W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
094L 01 04	White	LED	GU-10	4x4w	289,88	0.30	0.80
094L 02 04	Black int. rings	LED	GU-10	4x4w	299,20	0.30	0.80
094L 90 04	Tit. int. rings	LED	GU-10	4x4w	299,20	0.30	0.80

* Supplied in a standard manner with 3000° K lamp lamp

Includes driver and 5W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
094L 01 05	White	LED	GU5.3	4x5w	310,89	0.30	0.80
094L 02 05	Black int. rings	LED	GU5.3	4x5w	320,21	0.30	0.80
094L 90 05	Tit. int. rings	LED	GU5.3	4x5w	320,21	0.30	0.80

* Supplied in a standard manner with 3100° K lamp lamp

Includes driver and MR16 LED RGB lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
094L 01 03	White	LED	GU5.3	4x3w	286,69	0.30	0.80
094L 02 03	Black int. rings	LED	GU5.3	4x3w	295,29	0.30	0.80
094L 90 03	Tit. int. rings	LED	GU5.3	4x3w	295,29	0.30	0.80

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
3080	Controller MR16 LED RGB lamp				6,60		

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.




Eurocom

Protection degree IP20

- Material:** Steel sheet and injected aluminium thermo painted.
- Optics:** Optics incorporated in the lamps, Each lamp is independently adjustable with Cardam system.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models
- Lamps:** The series of MINICOM lightings use halogen lamps QR-111 and LED-111 lamps, suitable for domestic or commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** Outer trim in die-cast finished in titanium with black or titanium internal rings and different options by request.


Eurocom 1 lamp

Includes electronic equipment and QR-111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
 105 02 35CP	Black int. rings	QR-111	G53	1x35w	78,21	0.30
105 90 35CP	Tit. int. rings	QR-111	G53	1x35w	78,21	0.30
105 02 50CP	Black int. rings	QR-111	G53	1x50w	78,21	0.30
105 90 50CP	Tit. int. rings	QR-111	G53	1x50w	78,21	0.30
105 02 60CP	Black int. rings	QR-111	G53	1x60w	94,71	0.30
105 90 60CP	Tit. int. rings	QR-111	G53	1x60w	94,71	0.30
105 02 75CP	Black int. rings	QR-111	G53	1x75w	94,71	0.30
105 90 75CP	Tit. int. rings	QR-111	G53	1x75w	94,71	0.30
105 02 10CP	Black int. rings	QR-111	G53	1x100w	94,71	0.30
105 90 10CP	Tit. int. rings	QR-111	G53	1x100w	94,71	0.30

* Supplied in a standard manner with maximum lamp bevel.

Includes electronic equipment and LED-111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
 105L 02 12	Black int. rings	LED	G53	1x12w	175,14	0.30	0.20
105L 90 12	Tit. int. rings	LED	G53	1x12w	175,14	0.30	0.20


* Supplied in a standard manner with 3100° K lamp lamp

Rough price increase of accessories

Ref.	€
DR1 Dimmable driver LED -111 lamp	116,80


Eurocom 3 lamps

Includes electronic equipment and QR-111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
 107 02 35CP	Black int. rings	QR-111	G53	3x35w	196,60	0.65
107 90 35CP	Tit. int. rings	QR-111	G53	3x35w	196,60	0.65
107 02 50CP	Black int. rings	QR-111	G53	3x50w	196,60	0.65
107 90 50CP	Tit. int. rings	QR-111	G53	3x50w	196,60	0.65
107 02 60CP	Black int. rings	QR-111	G53	3x60w	259,19	0.65
107 90 60CP	Tit. int. rings	QR-111	G53	3x60w	259,19	0.65
107 02 75CP	Black int. rings	QR-111	G53	3x75w	259,19	0.65
107 90 75CP	Tit. int. rings	QR-111	G53	3x75w	259,19	0.65
107 02 10CP	Black int. rings	QR-111	G53	3x100w	259,19	0.65
107 90 10CP	Tit. int. rings	QR-111	G53	3x100w	259,19	0.65

* Supplied in a standard manner with maximum lamp bevel.

Includes electronic equipment and LED-111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
 107L 02 12	Black int. rings	LED	G53	3x12w	484,28	0.65	0.60
107L 90 12	Tit. int. rings	LED	G53	3x12w	484,28	0.65	0.60


* Supplied in a standard manner with 3100° K lamp lamp

Rough price increase of accessories

Ref.	€
DR3 Dimmable driver LED -111 lamp	290,60


Eurocom 2 lamps

Includes electronic equipment and QR-111 lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
 106 02 35CP	Black int. rings	QR-111	G53	2x35w	143,01	0.65
106 90 35CP	Tit. int. rings	QR-111	G53	2x35w	143,01	0.65
106 02 50CP	Black int. rings	QR-111	G53	2x50w	143,01	0.65
106 90 50CP	Tit. int. rings	QR-111	G53	2x50w	143,01	0.65
106 02 60CP	Black int. rings	QR-111	G53	2x60w	181,05	0.65
106 90 60CP	Tit. int. rings	QR-111	G53	2x60w	181,05	0.65
106 02 75CP	Black int. rings	QR-111	G53	2x75w	181,05	0.65
106 90 75CP	Tit. int. rings	QR-111	G53	2x75w	181,05	0.65
106 02 10CP	Black int. rings	QR-111	G53	2x100w	181,05	0.65
106 90 10CP	Tit. int. rings	QR-111	G53	2x100w	181,05	0.65

* Supplied in a standard manner with maximum lamp bevel.

Includes electronic equipment and LED-111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
 106L 02 12	Black int. rings	LED	G53	2x12w	334,80	0.65	0.40
106L 90 12	Tit. int. rings	LED	G53	2x12w	334,80	0.65	0.40


* Supplied in a standard manner with 3100° K lamp lamp

Rough price increase of accessories

Ref.	€
DR2 Dimmable driver LED -111 lamp	210,24


Eurocom 4 lamps

Includes electronic equipment and QR-111 lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
 108 02 35CP	Black int. rings	QR-111	G53	4x35w	274,37	0.65
108 90 35CP	Tit. int. rings	QR-111	G53	4x35w	274,37	0.65
108 02 50CP	Black int. rings	QR-111	G53	4x50w	274,37	0.65
108 90 50CP	Tit. int. rings	QR-111	G53	4x50w	274,37	0.65
108 02 60CP	Black int. rings	QR-111	G53	4x60w	329,72	0.65
108 90 60CP	Tit. int. rings	QR-111	G53	4x60w	329,72	0.65
108 02 75CP	Black int. rings	QR-111	G53	4x75w	329,72	0.65
108 90 75CP	Tit. int. rings	QR-111	G53	4x75w	329,72	0.65
108 02 10CP	Black int. rings	QR-111	G53	4x100w	329,72	0.65
108 90 10CP	Tit. int. rings	QR-111	G53	4x100w	329,72	0.65

* Supplied in a standard manner with maximum lamp bevel.

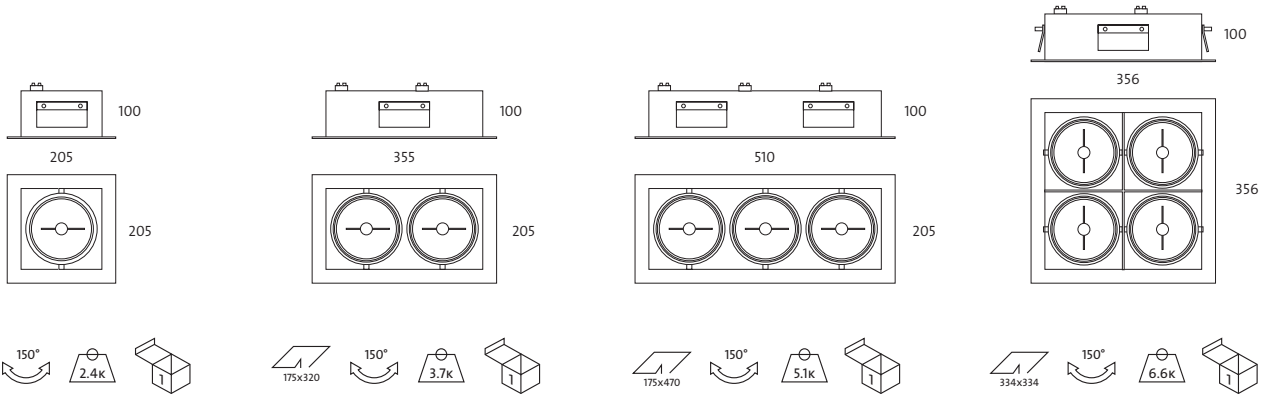
Includes electronic equipment and LED-111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
 108L 02 12	Black int. rings	LED	G53	4x12w	657,94	0.65	0.80
108L 90 12	Tit. int. rings	LED	G53	4x12w	657,94	0.65	0.80

* Supplied in a standard manner with 3100° K lamp lamp

Rough price increase of accessories

Ref.	€
DR4 Dimmable driver LED -111 lamp	372,00



OPTIONS	Ref. 04	Ref. 08	Ref. 24	Ref. 45
Bevel	4°	8°	24°	45°
QR-111 35w	•		•	
QR-111 50w	•	•	•	•
QR-111 60w		•	•	•
QR-111 75w		•	•	•
QR-111 100w		•	•	•

OPTIONS LAMP LED-111

IRC / Colour temperature	
Ref. 83	3100°K
Ref. 84	4000°K

Example to write a reference with options

Eurocom 3 lamps 50w

Ref. 107 02 50CP 24

Black int. rings 24° bevel

Eurocom frameless


Protection degree IP20

Material:	Steel sheet and injected aluminium thermo painted.
Optics:	Optics incorporated in the lamps, Each lamp is independently adjustable with Cardam system.
Supply:	Electronic equipments adapted to the type of lamp and to the power needed are included in all the models
Lamps:	The series of EUROCOM frameless lightings use halogen lamps QR-111 and LED-111 lamps, suitable for domestic or commercial use.
Installation:	Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
Colours:	Outer trim in die-cast finished in titanium with black or titanium internal rings and different options by request.




Eurocom frameless 1 lamp

Includes electronic equipment and QR-111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lum.
 3282 02 01 35	Black int.	QR-111	G53	1x35w	82,50	0.30	
3282 90 01 35	Int. titanium	QR-111	G53	1x35w	82,50	0.30	
3282 02 01 50	Black int.	QR-111	G53	1x50w	82,50	0.30	
3282 90 01 50	Int. titanium	QR-111	G53	1x50w	82,50	0.30	
3282 02 01 60	Black int.	QR-111	G53	1x60w	99,50	0.30	
3282 90 01 60	Int. titanium	QR-111	G53	1x60w	99,50	0.30	
3282 02 01 75	Black int.	QR-111	G53	1x75w	99,50	0.30	
3282 90 01 75	Int. titanium	QR-111	G53	1x75w	99,50	0.30	
3282 02 01 10	Black int.	QR-111	G53	1x100w	99,50	0.30	
3282 90 01 10	Int. titanium	QR-111	G53	1x100w	99,50	0.30	

* Supplied in a standard manner with maximum lamp bevel.

Includes electronic equipment and LED-111 lamp


Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
 3282 02 01 12	Black int.	LED	G53	1x12w	185,40	0.30	0.20
3282 90 01 12	Int. titanium	LED	G53	1x12w	185,40	0.30	0.20

* Supplied in a standard manner with 3100° K lamp lamp

Rough price increase of accesories

Ref.	DR1	Dimmable driver LED -111 lamp	€
			116,80

Includes electronic equipment and CDM-R 111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
 3283 02 01 35	Black int.	CDM-R 111	GX8.5	35w	260,80	0.30	0.30
3283 90 01 35	Int. titanium	CDM-R 111	GX8.5	35w	260,80	0.30	0.30
3283 02 01 70	Black int.	CDM-R 111	GX8.5	70w	262,50	0.30	0.30
3283 90 01 70	Int. titanium	CDM-R 111	GX8.5	70w	260,50	0.30	0.30


* Supplied in a standard manner with maximum lamp bevel.

* Supplied in a standard manner with 3000° K lamp lamp




Eurocom frameless 2 lamps

Includes electronic equipment and QR-111 lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lum.
 3282 02 02 35	Black int.	QR-111	G53	2x35w	151,30	0.65	
3282 90 02 35	Int. titanium	QR-111	G53	2x35w	151,30	0.65	
3282 02 02 50	Black int.	QR-111	G53	2x50w	151,30	0.65	
3282 90 02 50	Int. titanium	QR-111	G53	2x50w	151,30	0.65	
3282 02 02 60	Black int.	QR-111	G53	2x60w	190,60	0.65	
3282 90 02 60	Int. titanium	QR-111	G53	2x60w	190,60	0.65	
3282 02 02 75	Black int.	QR-111	G53	2x75w	190,60	0.65	
3282 90 02 75	Int. titanium	QR-111	G53	2x75w	190,60	0.65	
3282 02 02 10	Black int.	QR-111	G53	2x100w	190,60	0.65	
3282 90 02 10	Int. titanium	QR-111	G53	2x100w	190,60	0.65	

* Supplied in a standard manner with maximum lamp bevel.

Includes electronic equipment and LED-111 lamp


Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
 3282 02 02 12	Black int.	LED	G53	2x12w	354,30	0.65	0.40
3282 90 02 12	Int. titanium	LED	G53	2x12w	354,30	0.65	0.40

* Supplied in a standard manner with 3100° K lamp lamp

Rough price increase of accesories

Ref.	DR2	Dimmable driver LED -111 lamp	€
			210,24

Includes electronic equipment and CDM-R 111 lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
 3283 02 02 35	Black int.	CDM-R 111	GX8.5	2x35w	483,20	0.65	0.60
3283 90 02 35	Int. titanium	CDM-R 111	GX8.5	2x35w	483,20	0.65	0.60
3283 02 02 70	Black int.	CDM-R 111	GX8.5	2x70w	498,80	0.65	0.60
3283 90 02 70	Int. titanium	CDM-R 111	GX8.5	2x70w	498,80	0.65	0.60

* Supplied in a standard manner with maximum lamp bevel.

* Supplied in a standard manner with 3000° K lamp lamp

OPTIONS	Ref. 04	Ref. 08	Ref. 24	Ref. 45
Bevel	4°	8°	24°	45°
QR-111 35w	•		•	
QR-111 50w	•	•	•	•
QR-111 60w		•	•	•
QR-111 75w		•	•	•
QR-111 100w		•	•	•

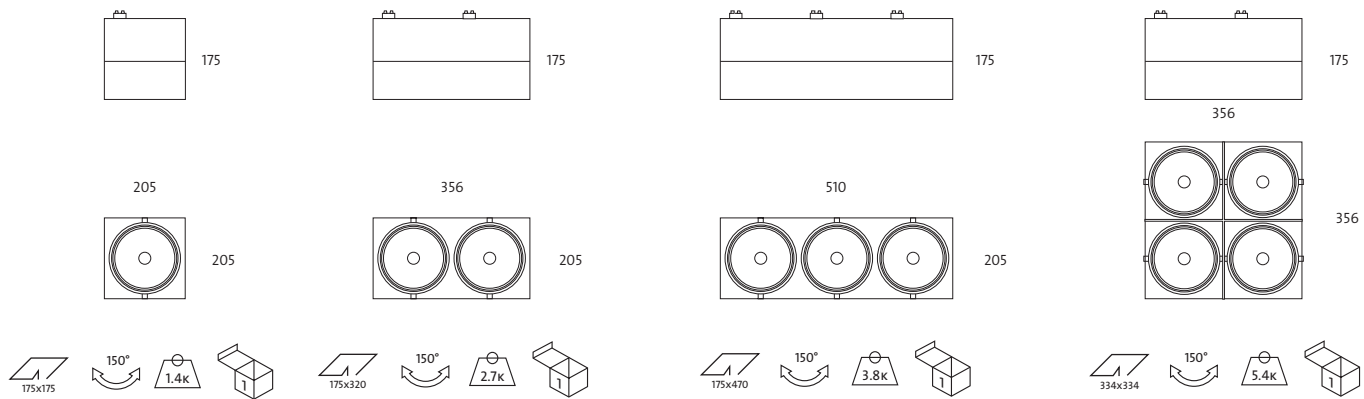
OPTIONS LAMP LED-111

IRC / Colour temperature

Ref. 83	3100°K
Ref. 84	4000°K

OPTIONS	Ref. 10	Ref. 24	Ref. 40
Bevel	10°	24°	40°
CDM-R 111 35w	•	•	•
CDM-R 111 70w	•	•	•

Eurocom frameless



Eurocom frameless 3 lamps

Includes electronic equipment and QR-111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
3282 02 03 35	Black int.	QR-111	G53	3x35w	208,00	0.65
3282 90 03 35	Int. titanium	QR-111	G53	3x35w	208,00	0.65
3282 02 03 50	Black int.	QR-111	G53	3x50w	208,00	0.65
3282 90 03 50	Int. titanium	QR-111	G53	3x50w	208,00	0.65
3282 02 03 60	Black int.	QR-111	G53	3x60w	274,20	0.65
3282 90 03 60	Int. titanium	QR-111	G53	3x60w	274,20	0.65
3282 02 03 75	Black int.	QR-111	G53	3x75w	274,20	0.65
3282 90 03 75	Int. titanium	QR-111	G53	3x75w	274,20	0.65
3282 02 03 10	Black int.	QR-111	G53	3x100w	274,20	0.65
3282 90 03 10	Int. titanium	QR-111	G53	3x100w	274,20	0.65

* Supplied in a standard manner with maximum lamp bevel.

Includes electronic equipment and LED-111 lamp

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp.
3282 02 03 12	Black int.	LED	G53	3x12w	498,40	0.65 0.60
3282 90 03 12	Int. titanium	LED	G53	3x12w	498,40	0.65 0.60

* Supplied in a standard manner with 3100° K lamp lamp

Rough price increase of accessories

Ref.	DR3	Dimmable driver LED -111 lamp	€
			290,60

Includes electronic equipment and CDM-R 111 lamps

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp.
3283 02 03 35	Black int.	CDM-R 111	GX8.5	3x35w	734,60	0.65 0.90
3283 90 03 35	Int. titanium	CDM-R 111	GX8.5	3x35w	734,60	0.65 0.90
3283 02 03 70	Black int.	CDM-R 111	GX8.5	3x70w	759,50	0.65 0.90
3283 90 03 70	Int. titanium	CDM-R 111	GX8.5	3x70w	759,50	0.65 0.90

* Supplied in a standard manner with maximum lamp bevel.

* Supplied in a standard manner with 3000° K lamp lamp



Eurocom frameless 4 lamps

Includes electronic equipment and QR-111 lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
3282 02 04 35	Black int.	QR-111	G53	4x35w	290,30	0.65
3282 90 04 35	Int. titanium	QR-111	G53	4x35w	290,30	0.65
3282 02 04 50	Black int.	QR-111	G53	4x50w	290,30	0.65
3282 90 04 50	Int. titanium	QR-111	G53	4x50w	290,30	0.65
3282 02 04 60	Black int.	QR-111	G53	4x60w	348,90	0.65
3282 90 04 60	Int. titanium	QR-111	G53	4x60w	348,90	0.65
3282 02 04 75	Black int.	QR-111	G53	4x75w	348,90	0.65
3282 90 04 75	Int. titanium	QR-111	G53	4x75w	348,90	0.65
3282 02 04 10	Black int.	QR-111	G53	4x100w	348,90	0.65
3282 90 04 10	Int. titanium	QR-111	G53	4x100w	348,90	0.65

* Supplied in a standard manner with maximum lamp bevel.

Includes electronic equipment and LED-111 lamp

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp.
3282 02 04 12	Black int.	LED	G53	4x12w	498,60	0.65 0.80
3282L 90 04 12	Int. titanium	LED	G53	4x12w	498,60	0.65 0.80

* Supplied in a standard manner with 3100° K lamp lamp

Rough price increase of accessories

Ref.	DR4	Dimmable driver LED -111 lamp	€
			372,00

Includes electronic equipment and CDM-R 111 lamps

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp.
3283 02 04 35	Black int.	CDM-R 111	GX8.5	4x35w	962,25	0.65 1.20
3283 90 04 35	Int. titanium	CDM-R 111	GX8.5	4x35w	962,25	0.65 1.20
3283 02 04 70	Black int.	CDM-R 111	GX8.5	4x70w	996,50	0.65 1.20
3283 90 04 70	Int. titanium	CDM-R 111	GX8.5	4x70w	996,50	0.65 1.20

* Supplied in a standard manner with maximum lamp bevel.

* Supplied in a standard manner with 3000° K lamp lamp



Diricom

Protection degree IP20

- Material:** Steel sheet and injected aluminium thermo painted.
- Optics:** Optics incorporated in the lamps, Each lamp is independently adjustable with Cardam system.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models
- Lamps:** The series of DIRICOM lightings use halogen lamps QR-111 and LED-111 lamps, suitable for domestic or commercial use.
- Installation:** Recessed for false ceilings, the system allows to direct the light beam in any direction, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** Outer trim in die-cast finished in titanium with black or titanium internal rings and different options by request.



Diricom 1 lamp

Includes electronic equipment and QR-111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
3284 02 01 35	Black int.	QR-111	G53	1x35w	115,30	0.30
3284 90 01 35	Int. titanium	QR-111	G53	1x35w	115,30	0.30
3284 02 01 50	Black int.	QR-111	G53	1x50w	115,30	0.30
3284 90 01 50	Int. titanium	QR-111	G53	1x50w	115,30	0.30
3284 02 01 60	Black int.	QR-111	G53	1x60w	132,30	0.30
3284 90 01 60	Int. titanium	QR-111	G53	1x60w	132,30	0.30
3284 02 01 75	Black int.	QR-111	G53	1x75w	132,30	0.30
3284 90 01 75	Int. titanium	QR-111	G53	1x75w	132,30	0.30
3284 02 01 10	Black int.	QR-111	G53	1x100w	132,30	0.30
3284 90 01 10	Int. titanium	QR-111	G53	1x100w	132,30	0.30

* Supplied in a standard manner with maximum lamp bevel.

Includes electronic equipment and LED-111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
3284 02 01 12	Black int.	LED	G53	1x12w	218,20	0.30 0.20
3284 90 01 12	Int. titanium	LED	G53	1x12w	218,20	0.30 0.20

* Supplied in a standard manner with 3100° K lamp

Rough price increase of accesories

Ref.	€
DR1 Dimmable driver LED -111 lamp	116,80

Includes electronic equipment and CDM-R 111 lamp

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp.
3285 02 01 35	Black int.	CDM-R 111	GX8.5	35w	293,60	0.30 0.30
3285 90 01 35	Int. titanium	CDM-R 111	GX8.5	35w	293,60	0.30 0.30
3285 02 01 70	Black int.	CDM-R 111	GX8.5	70w	293,60	0.30 0.30
3285 90 01 70	Int. titanium	CDM-R 111	GX8.5	70w	293,60	0.30 0.30

* Supplied in a standard manner with maximum lamp bevel.

* Supplied in a standard manner with 3000° K lamp

Diricom 2 lamps

Includes electronic equipment and QR-111 lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
3284 02 02 35	Black int.	QR-111	G53	2x35w	216,90	0.65
3284 90 02 35	Int. titanium	QR-111	G53	2x35w	216,90	0.65
3284 02 02 50	Black int.	QR-111	G53	2x50w	216,90	0.65
3284 90 02 50	Int. titanium	QR-111	G53	2x50w	216,90	0.65
3284 02 02 60	Black int.	QR-111	G53	2x60w	256,20	0.65
3284 90 02 60	Int. titanium	QR-111	G53	2x60w	256,20	0.65
3284 02 02 75	Black int.	QR-111	G53	2x75w	256,20	0.65
3284 90 02 75	Int. titanium	QR-111	G53	2x75w	256,20	0.65
3284 02 02 10	Black int.	QR-111	G53	2x100w	256,20	0.65
3284 90 02 10	Int. titanium	QR-111	G53	2x100w	256,20	0.65

* Supplied in a standard manner with maximum lamp bevel.

Includes electronic equipment and LED-111 lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
3284 02 02 12	Black int.	LED	G53	2x12w	419,90	0.65 0.40
3284 90 02 12	Int. titanium	LED	G53	2x12w	419,90	0.65 0.40

* Supplied in a standard manner with 3100° K lamp

Rough price increase of accesories

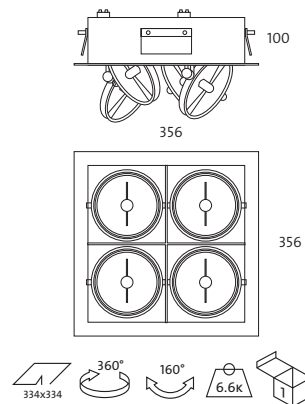
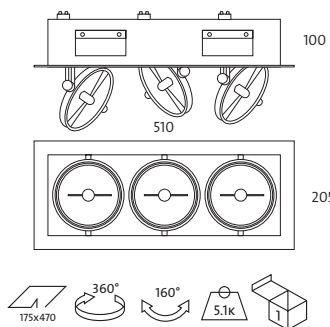
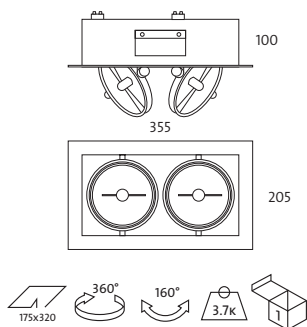
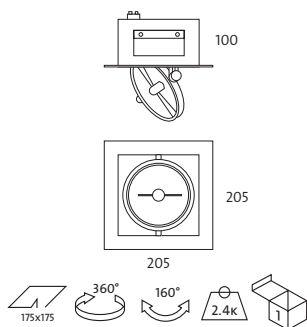
Ref.	€
DR2 Dimmable driver LED -111 lamp	210,24

Includes electronic equipment and CDM-R 111 lamps

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp.
3285 02 02 35	Black int.	CDM-R 111	GX8.5	2x35w	559,60	0.65 0.60
3285 90 02 35	Int. titanium	CDM-R 111	GX8.5	2x35w	559,60	0.65 0.60
3285 02 02 70	Black int.	CDM-R 111	GX8.5	2x70w	559,60	0.65 0.60
3285 90 02 70	Int. titanium	CDM-R 111	GX8.5	2x70w	559,60	0.65 0.60

* Supplied in a standard manner with maximum lamp bevel.

* Supplied in a standard manner with 3000° K lamp





Diricom 3 lamps

Includes electronic equipment and QR-111 lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
3284 02 03 35	Black int.	QR-111	G53	3x35w	360,40	0.65
3284 90 03 35	Int. titanium	QR-111	G53	3x35w	360,40	0.65
3284 02 03 50	Black int.	QR-111	G53	3x50w	360,40	0.65
3284 90 03 50	Int. titanium	QR-111	G53	3x50w	360,40	0.65
3284 02 03 60	Black int.	QR-111	G53	3x60w	388,80	0.65
3284 90 03 60	Int. titanium	QR-111	G53	3x60w	388,80	0.65
3284 02 03 75	Black int.	QR-111	G53	3x75w	388,80	0.65
3284 90 03 75	Int. titanium	QR-111	G53	3x75w	388,80	0.65
3284 02 03 10	Black int.	QR-111	G53	3x100w	388,80	0.65
3284 90 03 10	Int. titanium	QR-111	G53	3x100w	388,80	0.65

* Supplied in a standard manner with maximum lamp bevel.

Includes electronic equipment and LED-111 lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
3284 02 03 12	Black int.	LED	G53	3x12w	596,80	0.65 0.60
3284 90 03 12	Int. titanium	LED	G53	3x12w	596,80	0.65 0.60

* Supplied in a standard manner with 3100° K lamp

Rough price increase of accesories

Ref.	€
DR3 Dimmable driver LED -111 lamp	290,60

Includes electronic equipment and CDM-R 111 lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
3285 02 03 35	Black int.	CDM-R 111	GX8.5	3x35w	833,00	0.65 0.90
3285 90 03 35	Int. titanium	CDM-R 111	GX8.5	3x35w	833,00	0.65 0.90
3285 02 03 70	Black int.	CDM-R 111	GX8.5	3x70w	833,00	0.65 0.90
3285 90 03 70	Int. titanium	CDM-R 111	GX8.5	3x70w	833,00	0.65 0.90

* Supplied in a standard manner with maximum lamp bevel.

* Supplied in a standard manner with 3000° K lamp

OPTIONS	Ref. 04	Ref. 08	Ref. 24	Ref. 45
Bevel	4°	8°	24°	45°
QR-111 35w	•		•	
QR-111 50w	•	•	•	•
QR-111 60w		•	•	•
QR-111 75w		•	•	•
QR-111 100w		•	•	•

OPTIONS	Ref. 10	Ref. 24	Ref. 40
Bevel	10°	24°	40°
CDM-R 111 35w	•	•	•
CDM-R 111 70w	•	•	•

Diricom 4 lamps

Includes electronic equipment and QR-111 lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
3284 02 04 35	Black int.	QR-111	G53	4x35w	421,50	0.65
3284 90 04 35	Int. titanium	QR-111	G53	4x35w	421,50	0.65
3284 02 04 50	Black int.	QR-111	G53	4x50w	421,50	0.65
3284 90 04 50	Int. titanium	QR-111	G53	4x50w	421,50	0.65
3284 02 04 60	Black int.	QR-111	G53	4x60w	480,10	0.65
3284 90 04 60	Int. titanium	QR-111	G53	4x60w	480,10	0.65
3284 02 04 75	Black int.	QR-111	G53	4x75w	480,10	0.65
3284 90 04 75	Int. titanium	QR-111	G53	4x75w	480,10	0.65
3284 02 04 10	Black int.	QR-111	G53	4x100w	480,10	0.65
3284 90 04 10	Int. titanium	QR-111	G53	4x100w	480,10	0.65

* Supplied in a standard manner with maximum lamp bevel.

Includes electronic equipment and LED-111 lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
3284 02 04 12	Black int.	LED	G53	4x12w	626,80	0.65 0.80
3284 90 04 12	Int. titanium	LED	G53	4x12w	626,80	0.65 0.80

* Supplied in a standard manner with 3100° K lamp

Rough price increase of accesories

Ref.	€
DR4 Dimmable driver LED -111 lamp	372,0

Includes electronic equipment and CDM-R 111 lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
3285 02 04 35	Black int.	CDM-R 111	GX8.5	4x35w	1115,10	0.65 1.20
3285 90 04 35	Int. titanium	CDM-R 111	GX8.5	4x35w	1115,10	0.65 1.20
3285 02 04 70	Black int.	CDM-R 111	GX8.5	4x70w	1115,10	0.65 1.20
3285 90 04 70	Int. titanium	CDM-R 111	GX8.5	4x70w	1115,10	0.65 1.20

* Supplied in a standard manner with maximum lamp bevel.

* Supplied in a standard manner with 3000° K lamp

OPTIONS LAMP LED-111

IRC / Colour temperature

Ref. 83	3100°K
Ref. 84	4000°K

Example to write a reference with options

Diricom 4 Lamp. 24° bevel

Ref. 3285 02 04 70 24

Black int. rings 70w

Eurocombi

Protection degree IP20

- Material:** Steel sheet and injected aluminium thermo painted.
- Optics:** Each of the QR lamps can be adjustable independently whit Cardam system. Highly-reflective aluminium reflector for the low consumption PL-T lamp. It can be supplied, as an option, with transparent glass (Ref. CTE) or matt glass (Ref. CME).
- Supply:** Control gears or electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** The series of EUROCOMBI lightings use halogen lamps QR-111 and LED-111 lamps, suitable for domestic or commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** Outer trim in die-cast finished in titanium with black or titanium internal rings and different combinations by request.

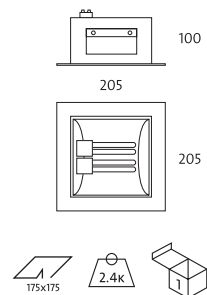
Eurocombi 1 lamp



Includes ballast carrier boxes and lamps PL-T

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp.	
040 90 13CP	Titanium	PL-T	G-24D-1	2x13w	99,46	0.30	0.40
040 90 18CP	Titanium	PL-T	G-24D-2	2x18w	99,46	0.30	0.40

* Supplied in a standard manner with 4200° K lamp



Eurocombi PL-T + QR-111

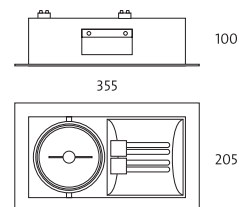
Includes ballast carrier boxes, electronic equipment and lamps PL-T and QR-111



Ref.	Colour	Lamp(1)	Port(1)	Lamp(2)	Port(2)	W(1)	W(2)	€	RAEE lum. lamp.	
041 13 35CP	Black int. rings	PL-T	G-24D-1	QR-111	G53	2x13w	35w	155,69	0.30	0.40
042 13 35CP	Tit. int. rings	PL-T	G-24D-1	QR-111	G53	2x13w	35w	155,69	0.30	0.40
041 13 50CP	Black int. rings	PL-T	G-24D-1	QR-111	G53	2x13w	50w	155,69	0.30	0.40
042 13 50CP	Tit. int. rings	PL-T	G-24D-1	QR-111	G53	2x13w	50w	155,69	0.30	0.40
041 13 60CP	Black int. rings	PL-T	G-24D-1	QR-111	G53	2x13w	60w	170,18	0.30	0.40
042 13 60CP	Tit. int. rings	PL-T	G-24D-1	QR-111	G53	2x13w	60w	170,18	0.30	0.40
041 13 75CP	Black int. rings	PL-T	G-24D-1	QR-111	G53	2x13w	75w	170,18	0.30	0.40
042 13 75CP	Tit. int. rings	PL-T	G-24D-1	QR-111	G53	2x13w	75w	170,18	0.30	0.40
041 13 10CP	Black int. rings	PL-T	G-24D-1	QR-111	G53	2x13w	100w	170,18	0.30	0.40
042 13 10CP	Tit. int. rings	PL-T	G-24D-1	QR-111	G53	2x13w	100w	170,18	0.30	0.40
041 18 35CP	Black int. rings	PL-T	G-24D-2	QR-111	G53	2x18w	35w	170,18	0.30	0.40
042 18 35CP	Tit. int. rings	PL-T	G-24D-2	QR-111	G53	2x18w	35w	170,18	0.30	0.40
041 18 50CP	Black int. rings	PL-T	G-24D-2	QR-111	G53	2x18w	50w	155,71	0.30	0.40
042 18 50CP	Tit. int. rings	PL-T	G-24D-2	QR-111	G53	2x18w	50w	155,71	0.30	0.40
041 18 60CP	Black int. rings	PL-T	G-24D-2	QR-111	G53	2x18w	60w	170,20	0.30	0.40
042 18 60CP	Tit. int. rings	PL-T	G-24D-2	QR-111	G53	2x18w	60w	170,20	0.30	0.40
041 18 75CP	Black int. rings	PL-T	G-24D-2	QR-111	G53	2x18w	75w	170,20	0.30	0.40
042 18 75CP	Tit. int. rings	PL-T	G-24D-2	QR-111	G53	2x18w	75w	170,20	0.30	0.40
041 18 10CP	Black int. rings	PL-T	G-24D-2	QR-111	G53	2x18w	100w	170,20	0.30	0.40
042 18 10CP	Tit. int. rings	PL-T	G-24D-2	QR-111	G53	2x18w	100w	170,20	0.30	0.40

* The lamp PL-T is supplied as standard with 4200°K

* The lamp QR-111 is supplied as standard with maximum lamp bevel.



Eurocombi PL-T + LED-111

Includes ballast carrier boxes, electronic equipment and lamps PL-T and LED-111



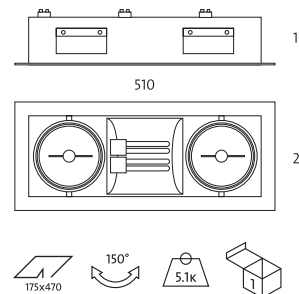
Ref.	Colour	Lamp(1)	Port(1)	Lamp(2)	Port(2)	W(1)	W(2)	€	RAEE lum. lamp.	
041L 13 12	Black int. rings	PL-T	G-24D-1	LED-111	G53	2x13w	12w	244,14	0.30	0.60
042L 13 12	Tit. int. rings	PL-T	G-24D-1	LED-111	G53	2x13w	12w	244,14	0.30	0.60
041L 18 12	Black int. rings	PL-T	G-24D-2	LED-111	G53	2x18w	12w	244,16	0.30	0.60
042L 18 12	Tit. int. rings	PL-T	G-24D-2	LED-111	G53	2x18w	12w	244,16	0.30	0.60

* The lamp PL-T is supplied as standard with 4200°K

* The lamp LED-111 is supplied as standard with 3100°K

Rough price increase of accesories

Ref.	€
DR1 Dimmable driver LED -111 lamp	116,80



Eurocombi PL-T + 2xQR-111

Includes ballast carrier boxes, electronic equipment and lamps PL-T and QR-111

Ref.	Colour	Lamp(1)	Port(1)	Lamp(2)	Port(2)	W(1)	W(2)	€	RAEE lum. lamp.	
043 13 35CP	Black int. rings	PL-T	G-24D-1	QR-111	G53	2x13w	2x35w	204,00	0.65	0.40
044 13 35CP	Tit. int. rings	PL-T	G-24D-1	QR-111	G53	2x13w	2x35w	204,00	0.65	0.40
043 13 50CP	Black int. rings	PL-T	G-24D-1	QR-111	G53	2x13w	2x50w	204,00	0.65	0.40
044 13 50CP	Tit. int. rings	PL-T	G-24D-1	QR-111	G53	2x13w	2x50w	204,00	0.65	0.40
043 13 60CP	Black int. rings	PL-T	G-24D-1	QR-111	G53	2x13w	2x60w	230,85	0.65	0.40
044 13 60CP	Tit. int. rings	PL-T	G-24D-1	QR-111	G53	2x13w	2x60w	230,85	0.65	0.40
043 13 75CP	Black int. rings	PL-T	G-24D-1	QR-111	G53	2x13w	2x75w	230,85	0.65	0.40
044 13 75CP	Tit. int. rings	PL-T	G-24D-1	QR-111	G53	2x13w	2x75w	230,85	0.65	0.40
043 13 10CP	Black int. rings	PL-T	G-24D-1	QR-111	G53	2x13w	2x100w	230,85	0.65	0.40
044 13 10CP	Tit. int. rings	PL-T	G-24D-1	QR-111	G53	2x13w	2x100w	230,85	0.65	0.40
043 18 35CP	Black int. rings	PL-T	G-24D-2	QR-111	G53	2x18w	2x35w	204,02	0.65	0.40
044 18 35CP	Tit. int. rings	PL-T	G-24D-2	QR-111	G53	2x18w	2x35w	204,02	0.65	0.40
043 18 50CP	Black int. rings	PL-T	G-24D-2	QR-111	G53	2x18w	2x50w	204,02	0.65	0.40
044 18 50CP	Tit. int. rings	PL-T	G-24D-2	QR-111	G53	2x18w	2x50w	204,02	0.65	0.40
043 18 60CP	Black int. rings	PL-T	G-24D-2	QR-111	G53	2x18w	2x60w	230,87	0.65	0.40
044 18 60CP	Tit. int. rings	PL-T	G-24D-2	QR-111	G53	2x18w	2x60w	230,87	0.65	0.40
043 18 75CP	Black int. rings	PL-T	G-24D-2	QR-111	G53	2x18w	2x75w	230,87	0.65	0.40
044 18 75CP	Tit. int. rings	PL-T	G-24D-2	QR-111	G53	2x18w	2x75w	230,87	0.65	0.40
043 18 10CP	Black int. rings	PL-T	G-24D-2	QR-111	G53	2x18w	2x100w	230,87	0.65	0.40
044 18 10CP	Tit. int. rings	PL-T	G-24D-2	QR-111	G53	2x18w	2x100w	230,87	0.65	0.40

* The lamp PL-T is supplied as standard with 4200°K
 * The lamp QR-111 is supplied as standard with maximum lamp bevel.



Ref. CTE
Transparent glass



Ref. CME
Matt glass



Ref. BE213 / BE218
Electronic ballast
2x13w / 2x18w

Eurocombi PL-T + 2xLED-111

Includes ballast carrier boxes, electronic equipment and lamps PL-T 84 and LED-111

Ref.	Colour	Lamp(1)	Port(1)	Lamp(2)	Port(2)	W(1)	W(2)	€	RAEE lum. lamp.	
043L 13 12	Black int. rings	PL-T	G-24D-1	LED-111	G53	2x13w	2x12w	389,58	0.65	0.60
044L 13 12	Tit. int. rings	PL-T	G-24D-1	LED-111	G53	2x13w	2x12w	389,58	0.65	0.60
043L 18 12	Black int. rings	PL-T	G-24D-2	LED-111	G53	2x18w	2x12w	389,58	0.65	0.60
044L 18 12	Tit. int. rings	PL-T	G-24D-2	LED-111	G53	2x18w	2x12w	389,58	0.65	0.60

* The lamp PL-T is supplied as standard with 4200°K
 * The lamp LED-111 is supplied as standard with 3100°K

Rough price increase of accessories		€
Ref. DR2	Dimmable driver LED - 111 lamp	210,24

OPTIONS	Ref. 82	Ref. 83	Ref. 84
Colour temperature	2700°K	3000°K	4000°K
PL-T 13w	•	•	•
PL-T 18w	•	•	•

OPTIONS	Ref. 04	Ref. 08	Ref. 24	Ref. 45
Bevel	4°	8°	24°	45°
QR-111 35w	•	•	•	•
QR-111 50w	•	•	•	•
QR-111 60w	•	•	•	•
QR-111 75w	•	•	•	•
QR-111 100w	•	•	•	•

OPTIONS LAMP LED-111

IRC / Colour temperature	
Ref. 83	3100°K
Ref. 84	4000°K

Rough price increase of accessories		€
Ref. BE213	Electronic ballast 2x13w	29,00
Ref. BE218	Electronic ballast 2x18w	29,00
Ref. CTE	Transparent glass Eurocombi	5,36
Ref. CME	Matt glass Eurocombi	5,52

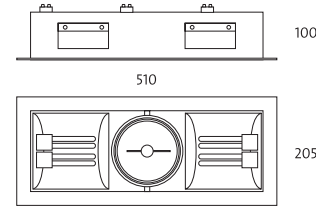
Example to write a reference with options

Eurocombi PL-T+ 2xQR-111 PL-T 18w 2700°K

Ref. **043 18 75CP 82 08**

Black int. rings QR 75w 8° bevel





Eurocombi 2xPL-T + QR-111

Includes ballast carrier boxes, electronic equipment and lamps PL-T and QR-111

Ref.	Colour	Lamp(1)	Port(1)	Lamp(2)	Port(2)	W(1)	W(2)	€	RAEE lum.	lamp.
045 13 35CP	Black int. rings	PL-T	G-24D-1	QR-111	G53	4x13w	35w	244,42	0.65	0.80
046 13 35CP	Tit. int. rings	PL-T	G-24D-1	QR-111	G53	4x13w	35w	244,42	0.65	0.80
045 13 50CP	Black int. rings	PL-T	G-24D-1	QR-111	G53	4x13w	50w	244,42	0.65	0.80
046 13 50CP	Tit. int. rings	PL-T	G-24D-1	QR-111	G53	4x13w	50w	244,42	0.65	0.80
045 13 60CP	Black int. rings	PL-T	G-24D-1	QR-111	G53	4x13w	60w	261,18	0.65	0.80
046 13 60CP	Tit. int. rings	PL-T	G-24D-1	QR-111	G53	4x13w	60w	261,18	0.65	0.80
045 13 75CP	Black int. rings	PL-T	G-24D-1	QR-111	G53	4x13w	75w	257,06	0.65	0.80
046 13 75CP	Tit. int. rings	PL-T	G-24D-1	QR-111	G53	4x13w	75w	257,06	0.65	0.80
045 13 10CP	Black int. rings	PL-T	G-24D-1	QR-111	G53	4x13w	100w	257,06	0.65	0.80
046 13 10CP	Tit. int. rings	PL-T	G-24D-1	QR-111	G53	4x13w	100w	257,06	0.65	0.80
045 18 35CP	Black int. rings	PL-T	G-24D-2	QR-111	G53	4x18w	35w	244,44	0.65	0.80
046 18 35CP	Tit. int. rings	PL-T	G-24D-2	QR-111	G53	4x18w	35w	244,44	0.65	0.80
045 18 50CP	Black int. rings	PL-T	G-24D-2	QR-111	G53	4x18w	50w	244,44	0.65	0.80
046 18 50CP	Tit. int. rings	PL-T	G-24D-2	QR-111	G53	4x18w	50w	244,44	0.65	0.80
045 18 60CP	Black int. rings	PL-T	G-24D-2	QR-111	G53	4x18w	60w	261,20	0.65	0.80
046 18 60CP	Tit. int. rings	PL-T	G-24D-2	QR-111	G53	4x18w	60w	261,20	0.65	0.80
045 18 75CP	Black int. rings	PL-T	G-24D-2	QR-111	G53	4x18w	75w	257,08	0.65	0.80
046 18 75CP	Tit. int. rings	PL-T	G-24D-2	QR-111	G53	4x18w	75w	257,08	0.65	0.80
045 18 10CP	Black int. rings	PL-T	G-24D-2	QR-111	G53	4x18w	100w	257,08	0.65	0.80
046 18 10CP	Tit. int. rings	PL-T	G-24D-2	QR-111	G53	4x18w	100w	257,08	0.65	0.80

* The lamp PL-T is supplied as standard with 4200°K
 * The lamp QR-111 is supplied as standard with maximum lamp bevel.

Eurocombi 2xPL-T + LED-111

Includes ballast carrier boxes, electronic equipment and lamps PL-T and LED-111

Ref.	Colour	Lamp(1)	Port(1)	Lamp(2)	Port(2)	W(1)	W(2)	€	RAEE lum.	lamp.
045L 13 12	Black int. rings	PL-T	G-24D-1	LED-111	G53	4x13w	12w	324,09	0.65	1.00
046L 13 12	Tit. int. rings	PL-T	G-24D-1	LED-111	G53	4x13w	12w	324,09	0.65	1.00
045L 18 12	Black int. rings	PL-T	G-24D-2	LED-111	G53	4x18w	12w	324,09	0.65	1.00
046L 18 12	Tit. int. rings	PL-T	G-24D-2	LED-111	G53	4x18w	12w	324,09	0.65	1.00

* The lamp PL-T is supplied as standard with 4200°K
 * The lamp LED-111 is supplied as standard with 3100°K

Rough price increase of accessories

Ref.	Description	€
DR1	Dimmable driver LED -111 lamp	116,80

OPTIONS	Ref. 82	Ref. 83	Ref. 84
Colour temperature	2700°K	3000°K	4000°K
PL-T 13w	•	•	•
PL-T 18w	•	•	•

OPTIONS	Ref. 04	Ref. 08	Ref. 24	Ref. 45
Bevel	4°	8°	24°	45°
QR-111 35w	•	•	•	•
QR-111 50w	•	•	•	•
QR-111 60w	•	•	•	•
QR-111 75w	•	•	•	•
QR-111 100w	•	•	•	•

OPTIONS LAMP LED-111

IRC / Colour temperature	Ref. 83	Ref. 84
		3100°K
		4000°K

Rough price increase of accessories

Ref.	Description	€
BE213	Electronic ballast 2x13w	29,00
BE218	Electronic ballast 2x18w	29,00
CTE	Transparent glass Eurocombi	5,36
CME	Matt glass Eurocombi	5,52



Ref. CTE
Transparent glass



Ref. CME
Matt glass



Ref. BE213 / BE218
Electronic ballast
2x13w / 2x18w

Example to write a reference with options

Eurocombi 2xPL-T+QR-111 PL-T 18w 2700°K

Ref. **045 18 75CP 82 08**

Black int. rings | QR 75w | 8° bevel

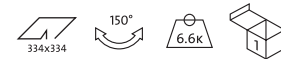
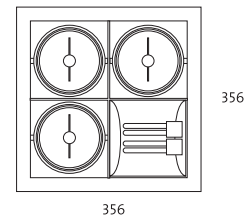
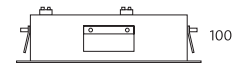


Eurocombi PL-T + 3xQR-111

Includes ballast carrier boxes, electronic equipment and lamps PL-T and QR-111

Ref.	Colour	Lamp(1)	Port(1)	Lamp(2)	Port(2)	W(1)	W(2)	€	RAEE lum.	lamp.
047 13 35CP	Black int. rings	PL-T	G-24D-1	QR-111	G53	2x13w	3x35w	261,20	0.85	0.40
048 13 35CP	Tit. int. rings	PL-T	G-24D-1	QR-111	G53	2x13w	3x35w	261,20	0.85	0.40
047 13 50CP	Black int. rings	PL-T	G-24D-1	QR-111	G53	2x13w	3x50w	261,20	0.85	0.40
048 13 50CP	Tit. int. rings	PL-T	G-24D-1	QR-111	G53	2x13w	3x50w	261,20	0.85	0.40
047 13 60CP	Black int. rings	PL-T	G-24D-1	QR-111	G53	2x13w	3x60w	291,68	0.85	0.40
048 13 60CP	Tit. int. rings	PL-T	G-24D-1	QR-111	G53	2x13w	3x60w	291,68	0.85	0.40
047 13 75CP	Black int. rings	PL-T	G-24D-1	QR-111	G53	2x13w	3x75w	287,56	0.85	0.40
048 13 75CP	Tit. int. rings	PL-T	G-24D-1	QR-111	G53	2x13w	3x75w	287,56	0.85	0.40
047 13 10CP	Black int. rings	PL-T	G-24D-1	QR-111	G53	2x13w	3x100w	287,56	0.85	0.40
048 13 10CP	Tit. int. rings	PL-T	G-24D-1	QR-111	G53	2x13w	3x100w	287,56	0.85	0.40
047 18 35CP	Black int. rings	PL-T	G-24D-2	QR-111	G53	2x18w	3x35w	261,22	0.85	0.40
048 18 35CP	Tit. int. rings	PL-T	G-24D-2	QR-111	G53	2x18w	3x35w	261,22	0.85	0.40
047 18 50CP	Black int. rings	PL-T	G-24D-2	QR-111	G53	2x18w	3x50w	261,22	0.85	0.40
048 18 50CP	Tit. int. rings	PL-T	G-24D-2	QR-111	G53	2x18w	3x50w	261,22	0.85	0.40
047 18 60CP	Black int. rings	PL-T	G-24D-2	QR-111	G53	2x18w	3x60w	291,70	0.85	0.40
048 18 60CP	Tit. int. rings	PL-T	G-24D-2	QR-111	G53	2x18w	3x60w	291,70	0.85	0.40
047 18 75CP	Black int. rings	PL-T	G-24D-2	QR-111	G53	2x18w	3x75w	287,58	0.85	0.40
048 18 75CP	Tit. int. rings	PL-T	G-24D-2	QR-111	G53	2x18w	3x75w	287,58	0.85	0.40
047 18 10CP	Black int. rings	PL-T	G-24D-2	QR-111	G53	2x18w	3x100w	287,58	0.85	0.40
048 18 10CP	Tit. int. rings	PL-T	G-24D-2	QR-111	G53	2x18w	3x100w	287,58	0.85	0.40

* The lamp PL-T is supplied as standard with 4200°K
* The lamp LED-111 is supplied as standard with 3100°K



Eurocombi PL-T + 3xLED-111

Includes ballast carrier boxes, electronic equipment and lamps PL-T and LED-111

Ref.	Colour	Lamp(1)	Port(1)	Lamp(2)	Port(2)	W(1)	W(2)	€	RAEE lum.	lamp.
047L 13 12	Black int. rings	PL-T	G-24D-1	LED-111	G53	2x13w	3x12w	549,65	1.00	
048L 13 12	Tit. int. rings	PL-T	G-24D-1	LED-111	G53	2x13w	3x12w	549,65	0.85	1.00
047L 18 12	Black int. rings	PL-T	G-24D-2	LED-111	G53	2x18w	3x12w	549,65	0.85	1.00
048L 18 12	Tit. int. rings	PL-T	G-24D-2	LED-111	G53	2x18w	3x12w	549,65	0.85	1.00

* The lamp PL-T is supplied as standard with 4200°K
* The lamp LED-111 is supplied as standard with 3100°K

Rough price increase of accessories

Ref.	Description	€
DR3	Dimmable driver LED -111 lamp	290,60



Ref. CME
Matt glass



Ref. CTE
Transparent glass



Ref. BE213 / BE218
Electronic ballast
2x13w / 2x18w

OPTIONS	Ref. 82	Ref. 83	Ref. 84
Colour temperature	2700°K	3000°K	4000°K
PL-T 13w	•	•	•
PL-T 18w	•	•	•

OPTIONS	Ref. 04	Ref. 08	Ref. 24	Ref. 45
Bevel	4°	8°	24°	45°
QR-111 35w	•		•	
QR-111 50w	•	•	•	•
QR-111 60w		•	•	•
QR-111 75w		•	•	•
QR-111 100w		•	•	•

OPTIONS LAMP LED-111

IRC / Colour temperature	
Ref. 83	3100°K
Ref. 84	4000°K

Rough price increase of accessories

Ref.	Description	€
BE213	Electronic ballast 2x13w	29,00
BE218	Electronic ballast 2x18w	29,00
CTE	Transparent glass Eurocombi	5,36
CME	Matt glass Eurocombi	5,52

Example to write a reference with options

Eurocombi PL-T+ 2xQR-111 PL-T 18w

Ref. 047 18 10CP 08

Black int. rings | QR 75w | 8° bevel

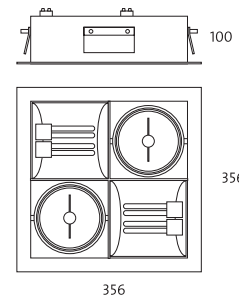


Eurocombi 2xPL-T + 2xQR-111

Includes ballast carrier boxes, electronic equipment and lamps PL-T and QR-111

Ref.	Colour	Lamp(1)	Port(1)	Lamp(2)	Port(2)	W(1)	W(2)	€	RAEE	
									lum.	lamp.
049 13 35CP	Black int. rings	PL-T	G-24D-1	QR-111	G53	4x13w	2x35w	300,73	0.85	0.80
050 13 35CP	Tit. int. rings	PL-T	G-24D-1	QR-111	G53	4x13w	2x35w	300,73	0.85	0.80
049 13 50CP	Black int. rings	PL-T	G-24D-1	QR-111	G53	4x13w	2x50w	300,73	0.85	0.80
050 13 50CP	Tit. int. rings	PL-T	G-24D-1	QR-111	G53	4x13w	2x50w	300,76	0.85	0.80
049 13 60CP	Black int. rings	PL-T	G-24D-1	QR-111	G53	4x13w	2x60w	323,19	0.85	0.80
050 13 60CP	Tit. int. rings	PL-T	G-24D-1	QR-111	G53	4x13w	2x60w	323,19	0.85	0.80
049 13 75CP	Black int. rings	PL-T	G-24D-1	QR-111	G53	4x13w	2x75w	319,09	0.85	0.80
050 13 75CP	Tit. int. rings	PL-T	G-24D-1	QR-111	G53	4x13w	2x75w	319,07	0.85	0.80
049 13 10CP	Black int. rings	PL-T	G-24D-1	QR-111	G53	4x13w	2x100w	319,07	0.85	0.80
050 13 10CP	Tit. int. rings	PL-T	G-24D-1	QR-111	G53	4x13w	2x100w	319,07	0.85	0.80
049 18 35CP	Black int. rings	PL-T	G-24D-2	QR-111	G53	4x18w	2x35w	300,76	0.85	0.80
050 18 35CP	Tit. int. rings	PL-T	G-24D-2	QR-111	G53	4x18w	2x35w	300,76	0.85	0.80
049 18 50CP	Black int. rings	PL-T	G-24D-2	QR-111	G53	4x18w	2x50w	300,76	0.85	0.80
050 18 50CP	Tit. int. rings	PL-T	G-24D-2	QR-111	G53	4x18w	2x50w	300,76	0.85	0.80
049 18 60CP	Black int. rings	PL-T	G-24D-2	QR-111	G53	4x18w	2x60w	323,21	0.85	0.80
050 18 60CP	Tit. int. rings	PL-T	G-24D-2	QR-111	G53	4x18w	2x60w	323,21	0.85	0.80
049 18 75CP	Black int. rings	PL-T	G-24D-2	QR-111	G53	4x18w	2x75w	319,09	0.85	0.80
050 18 75CP	Tit. int. rings	PL-T	G-24D-2	QR-111	G53	4x18w	2x75w	319,09	0.85	0.80
049 18 10CP	Black int. rings	PL-T	G-24D-2	QR-111	G53	4x18w	2x100w	319,09	0.85	0.80
050 18 10CP	Tit. int. rings	PL-T	G-24D-2	QR-111	G53	4x18w	2x100w	319,09	0.85	0.80

* The lamp PL-T is supplied as standard with 4200°K
* The lamp QR-111 is supplied as standard with maximum lamp bevel.



Eurocombi 2xPL-T + 2xLED-111

Includes ballast carrier boxes, electronic equipment and lamps PL-T and LED-111

Ref.	Colour	Lamp(1)	Port(1)	Lamp(2)	Port(2)	W(1)	W(2)	€	RAEE	
									lum.	lamp.
049L 13 12	Black int. rings	PL-T	G-24D-1	LED-111	G53	4x13w	2x12w	481,93	0.85	1.20
050L 13 12	Tit. int. rings	PL-T	G-24D-1	LED-111	G53	4x13w	2x12w	481,93	0.85	1.20
049L 18 12	Black int. rings	PL-T	G-24D-2	LED-111	G53	4x18w	2x12w	481,93	0.85	1.20
050L 18 12	Tit. int. rings	PL-T	G-24D-2	LED-111	G53	4x18w	2x12w	481,93	0.85	1.20

* The lamp PL-T is supplied as standard with 4200°K
* The lamp LED-111 is supplied as standard with 3100°K

Rough price increase of accessories		€
Ref. DR2	Dimmable driver LED -111 lamp	210,24



Ref. CME
Matt glass



Ref. CTE
Transparent glass



Ref. BE213 / BE218
Electronic ballast
2x13w / 2x18w

OPTIONS	Ref. 82	Ref. 83	Ref. 84
Colour temperature	2700°K	3000°K	4000°K
PL-T 13w	•	•	•
PL-T 18w	•	•	•

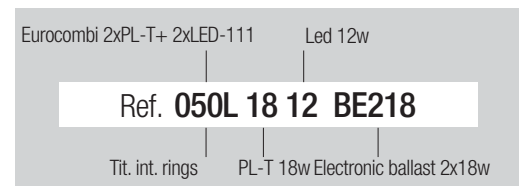
OPTIONS	Ref. 04	Ref. 08	Ref. 24	Ref. 45
Bevel	4°	8°	24°	45°
QR-111 35w	•		•	
QR-111 50w	•	•	•	•
QR-111 60w		•	•	•
QR-111 75w		•	•	•
QR-111 100w		•	•	•

OPTIONS LAMP LED-111

IRC / Colour temperature	
Ref. 83	3100°K
Ref. 84	4000°K

Rough price increase of accessories		€
Ref. BE213	Electronic ballast 2x13w	29,00
Ref. BE218	Electronic ballast 2x18w	29,00
Ref. CTE	Transparent glass Eurocombi	5,36
Ref. CME	Matt glass Eurocombi	5,52

Example to write a reference with options



Lecom CDM-R 111

Protection degree IP20

- Material:** Steel sheet and injected aluminium thermo painted.
- Optics:** Optics incorporated in the lamps, each lamp is independently adjustable with Cardam system.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** The series of LECOM CDM-R 111 lightings use CDM-R 111 lamps only suitable in group facilities or commercial areas.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** Outer trim in die-cast finished in titanium with black or titanium internal rings and different combinations by request.



Lecom 2 CDM-R 111 lamps

Includes electronic equipment and CDM-R 111 lamps

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp.	
717 02 35C	Black int. rings	CDM-R 111 GX8.5 2x35w	GX8.5	2x35w	456,59	0.65	0.60
717 90 35C	Tit. int. rings	CDM-R 111 GX8.5 2x35w	GX8.5	2x35w	456,59	0.65	0.60
717 02 70C	Black int. rings	CDM-R 111 GX8.5 2x70w	GX8.5	2x70w	474,62	0.65	0.60
717 90 70C	Tit. int. rings	CDM-R 111 GX8.5 2x70w	GX8.5	2x70w	474,62	0.65	0.60

- * Supplied in a standard manner with maximum lamp bevel.
- * Supplied in a standard manner with 3000° K lamp lamp



Lecom 4 CDM-R 111 lamps

Includes electronic equipment and CDM-R 111 lamps

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp.	
719 02 35C	Black int. rings	CDM-R 111 GX8.5 4x35w	GX8.5	4x35w	909,28	0.65	1.20
719 90 35C	Tit. int. rings	CDM-R 111 GX8.5 4x35w	GX8.5	4x35w	909,28	0.65	1.20
719 02 70C	Black int. rings	CDM-R 111 GX8.5 4x70w	GX8.5	4x70w	960,47	0.65	1.20
719 90 70C	Tit. int. rings	CDM-R 111 GX8.5 4x70w	GX8.5	4x70w	960,47	0.65	1.20

- * Supplied in a standard manner with maximum lamp bevel.
- * Supplied in a standard manner with 3000° K lamp lamp



Lecom 1 CDM-R 111 lamp

Includes electronic equipment and CDM-R 111 lamp

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp.	
716 02 35C	Black int. rings	CDM-R 111 GX8.5 35w	GX8.5	35w	246,47	0.30	0.30
716 90 35C	Tit. int. rings	CDM-R 111 GX8.5 35w	GX8.5	35w	246,47	0.30	0.30
716 02 70C	Black int. rings	CDM-R 111 GX8.5 70w	GX8.5	70w	248,12	0.30	0.30
716 90 70C	Tit. int. rings	CDM-R 111 GX8.5 70w	GX8.5	70w	248,12	0.30	0.30

- * Supplied in a standard manner with maximum lamp bevel.
- * Supplied in a standard manner with 3000° K lamp lamp



Lecom 3 CDM-R 111 lamps

Includes electronic equipment and CDM-R 111 lamps

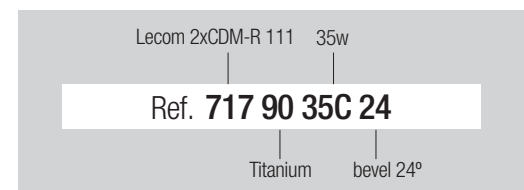
Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp.	
718 02 35C	Black int. rings	CDM-R 111 GX8.5 3x35w	GX8.5	3x35w	694,32	0.65	0.90
718 90 35C	Tit. int. rings	CDM-R 111 GX8.5 3x35w	GX8.5	3x35w	694,32	0.65	0.90
718 02 70C	Black int. rings	CDM-R 111 GX8.5 3x70w	GX8.5	3x70w	717,70	0.65	0.90
718 90 70C	Tit. int. rings	CDM-R 111 GX8.5 3x70w	GX8.5	3x70w	717,70	0.65	0.90

- * Supplied in a standard manner with maximum lamp bevel.
- * Supplied in a standard manner with 3000° K lamp lamp

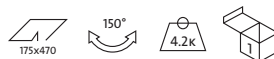
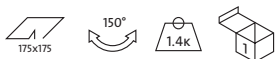
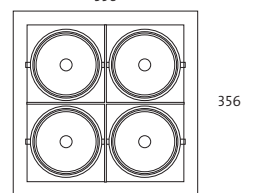
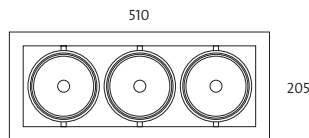
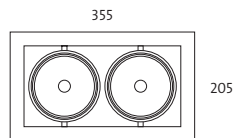
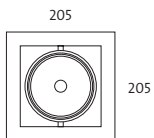
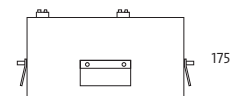
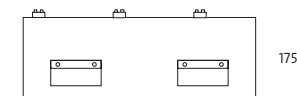
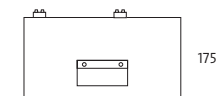
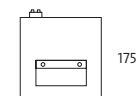
Rough price increase of accessories		€
Ref. SM	Optional LECOM frameless	49,20

OPTIONS	Ref. 10	Ref. 24	Ref. 40
Bevel	10°	24°	40°
CDM-R 111 35w	•	•	•
CDM-R 111 70w	•	•	•

Example to write a reference with options



Lecom CDM-R 111



Lecom HQI

Protection degree IP20

- Material:** Steel sheet and injected aluminium thermo painted.
- Optics:** Matt aluminium reflector with protection glass. Each lamp is independently adjustable with Cardam system.
- Supply:** Control gears adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** The series of LECOM HQI lightings use HQI G12 lamps only suitable for commercial use, exhibition areas and group facilities.
- Options:** We can combine in the same lighting, different light sources. (For example: 2 HQI + 2 QR-111). Please consult.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** Outer trim in die-cast finished in titanium with black or titanium internal rings and different combinations by request.



Lecom HQI 1 lamp

Includes control gear, protection glass and HQI lamp

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum.	RAEE lamp.
765 02 35	Black int. rings	HQI	G-12	35w	219,16	0.65	0.30
765 90 35	Tit. int. rings	HQI	G-12	35w	219,16	0.65	0.30
765 02 70	Black int. rings	HQI	G-12	70w	219,16	0.65	0.30
765 90 70	Tit. int. rings	HQI	G-12	70w	219,16	0.65	0.30
765 02 15	Black int. rings	HQI	G-12	150w	219,16	0.65	0.30
765 90 15	Tit. int. rings	HQI	G-12	150w	219,16	0.65	0.30

* Supplied in a standard manner with 4200° K lamp

Lecom HQI 2 lamps

Includes control gear, protection glass and HQI lamps

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum.	RAEE lamp.
766 02 35	Black int. rings	HQI	G-12	2x35w	423,82	0.65	0.60
766 90 35	Tit. int. rings	HQI	G-12	2x35w	423,82	0.65	0.60
766 02 70	Black int. rings	HQI	G-12	2x70w	423,82	0.65	0.60
766 90 70	Tit. int. rings	HQI	G-12	2x70w	423,82	0.65	0.60
766 02 15	Black int. rings	HQI	G-12	2x150w	423,82	0.65	0.60
766 90 15	Tit. int. rings	HQI	G-12	2x150w	423,82	0.65	0.60

* Supplied in a standard manner with 4200° K lamp

Lecom HQI 3 lamps

Includes control gear, protection glass and HQI lamps

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum.	RAEE lamp.
767 02 35	Black int. rings	HQI	G-12	3x35w	615,09	0.65	0.90
767 90 35	Tit. int. rings	HQI	G-12	3x35w	615,09	0.65	0.90
767 02 70	Black int. rings	HQI	G-12	3x70w	615,09	0.65	0.90
767 90 70	Tit. int. rings	HQI	G-12	3x70w	615,09	0.65	0.90
767 02 15	Black int. rings	HQI	G-12	3x150w	615,09	0.65	0.90
767 90 15	Tit. int. rings	HQI	G-12	3x150w	615,09	0.65	0.90

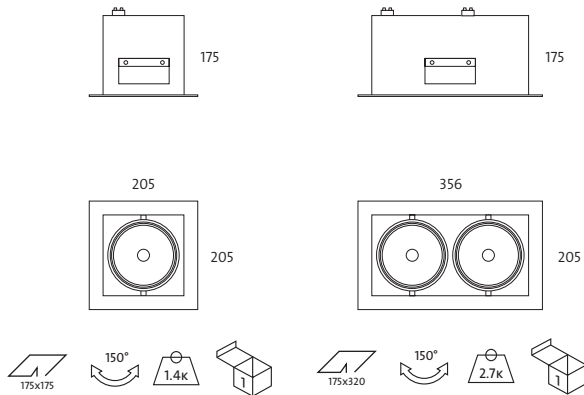
* Supplied in a standard manner with 4200° K lamp

Lecom HQI 4 lamps

Includes control gear, protection glass and HQI lamps

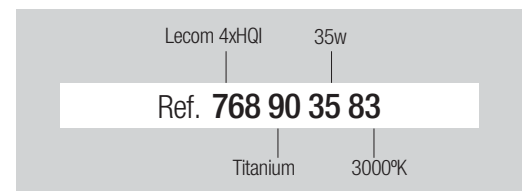
Ref.	Colour	Lamp.	L/H	W	€	RAEE lum.	RAEE lamp.
768 02 35	Black int. rings	HQI	G-12	4x35w	822,37	0.85	1.20
768 90 35	Tit. int. rings	HQI	G-12	4x35w	822,37	0.85	1.20
768 02 70	Black int. rings	HQI	G-12	4x70w	822,37	0.85	1.20
768 90 70	Tit. int. rings	HQI	G-12	4x70w	822,37	0.85	1.20
768 02 15	Black int. rings	HQI	G-12	4x150w	822,37	0.85	1.20
768 90 15	Tit. int. rings	HQI	G-12	4x150w	822,37	0.85	1.20

* Supplied in a standard manner with 4200° K lamp



Example to write a reference with options

Rough price increase of accessories		€
Ref. SM	Optional LECOM frameless	49,20
OPTIONS	Ref. 83	Ref. 82
Colour temperature	3000K°	4200°K
HQI 70w	•	•
HQI 150w	•	•



Lecom HQI E-27 1 lamp

Includes control gear and HQI lamp

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp.
109 02 12 35 83	Black int. rings	HQI E-27	35w		213,13	0.30 0.30
109 90 12 35 83	Tit. int. rings	HQI E-27	35w		213,13	0.30 0.30
109 02 12 70 83	Black int. rings	HQI E-27	70w		213,13	0.30 0.30
109 90 12 70 83	Tit. int. rings	HQI E-27	70w		213,13	0.30 0.30

* Supplied in a standard manner with 3000° K lamp lamp

Lecom HQI E-27 2 lamps

Includes control gear and HQI lamp

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp.
109 02 22 35 83	Black int. rings	HQI E-27	2x35w		411,20	0.30 0.60
109 90 22 35 83	Tit. int. rings	HQI E-27	2x35w		411,20	0.30 0.60
109 02 22 70 83	Black int. rings	HQI E-27	2x70w		411,20	0.30 0.60
109 90 22 70 83	Tit. int. rings	HQI E-27	2x70w		411,20	0.30 0.60

* Supplied in a standard manner with 3000° K lamp lamp

Lecom HQI E-27 3 lamps

Includes control gear and HQI lamp

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp.
109 02 32 35 83	Black int. rings	HQI E-27	3x35w		596,79	0.65 0.90
109 90 32 35 83	Tit. int. rings	HQI E-27	3x35w		596,79	0.65 0.90
109 02 32 70 83	Black int. rings	HQI E-27	3x70w		596,79	0.65 0.90
109 90 32 70 83	Tit. int. rings	HQI E-27	3x70w		596,79	0.65 0.90

* Supplied in a standard manner with 3000° K lamp lamp

Lecom HQI E-27 4 lamps

Includes control gear and HQI lamp

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp.
109 02 42 35 83	Black int. rings	HQI E-27	4x35w		805,92	0.65 1.20
109 90 42 35 83	Tit. int. rings	HQI E-27	4x35w		805,92	0.65 1.20
109 02 42 70 83	Black int. rings	HQI E-27	4x70w		805,92	0.65 1.20
109 90 42 70 83	Tit. int. rings	HQI E-27	4x70w		805,92	0.65 1.20

* Supplied in a standard manner with 3000° K lamp lamp

Lecom LED PAR30 1 lamp

Includes PAR30 LED lamp

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp.
109 02 19	Black int. rings	LED E-27	1x9w		296,43	0.65 0.20
109 90 19	Tit. int. rings	LED E-27	1x9w		296,43	0.65 0.20

Lecom LED PAR30 2 lamps

Includes PAR30 LED lamp

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp.
109 02 29	Black int. rings	LED E-27	2x9w		577,80	0.65 0.40
109 90 29	Tit. int. rings	LED E-27	2x9w		577,80	0.65 0.40

Lecom LED PAR30 3 lamps

Includes PAR30 LED lamp

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp.
109 02 39	Black int. rings	LED E-27	3x9w		846,69	0.65 0.60
109 90 39	Tit. int. rings	LED E-27	3x9w		846,69	0.65 0.60

Lecom LED PAR30 4 lamps

Includes PAR30 LED lamp

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp.
109 02 49	Black int. rings	LED E-27	4x9w		1139,12	0.65 0.80
109 90 49	Tit. int. rings	LED E-27	4x9w		1139,12	0.65 0.80

Lecom E-27

Protection degree IP20

- Material:** Steel sheet and injected aluminium thermo painted.
- Optics:** Each lamp is independently adjustable with Cardam system.
- Supply:** Directly connected to the 220v main.
- Lamps:** The series of LECOM E-27 lightings use all kinds of E-27 lamps, specially recommended PAR 30 lamps, suitable for commercial use, exhibition areas and group facilities.
- Options:** We can combine in the same lighting, different light sources. (For example: 2 HQI + 2 QR-111). Please consult.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** Outer trim in die-cast finished in titanium with black or titanium internal rings and different combinations by request.

Lecom PAR30 1 lamp

Includes PAR30 lamp

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp.
109 02 11	Black int. rings	PAR30 E-27	100w		90,98	0.65 0.30
109 90 11	Tit. int. rings	PAR30 E-27	100w		90,98	0.65 0.30

* Supplied in a standard manner with 4200° K lamp

Lecom PAR30 2 lamps

Includes PAR30 lamp

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp.
109 02 21	Black int. rings	PAR30 E-27	2x100w		166,90	0.65 0.60
109 90 21	Tit. int. rings	PAR30 E-27	2x100w		166,90	0.65 0.60

* Supplied in a standard manner with 4200° K lamp

Lecom PAR30 3 lamps

Includes PAR30 lamp

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp.
109 02 31	Black int. rings	PAR30 E-27	3x100w		230,34	0.65 0.90
109 90 31	Tit. int. rings	PAR30 E-27	3x100w		230,34	0.65 0.90

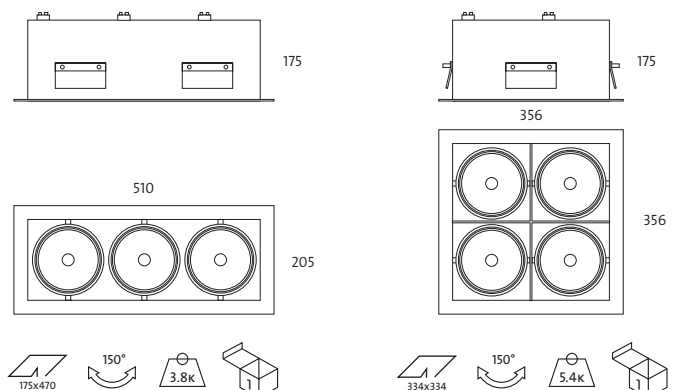
* Supplied in a standard manner with 4200° K lamp

Lecom PAR30 4 lamps

Includes PAR30 lamp

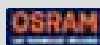
Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp.
109 02 41	Black int. rings	PAR30 E-27	4x100w		317,32	0.65 1.20
109 90 41	Tit. int. rings	PAR30 E-27	4x100w		317,32	0.65 1.20

* Supplied in a standard manner with 4200° K lamp

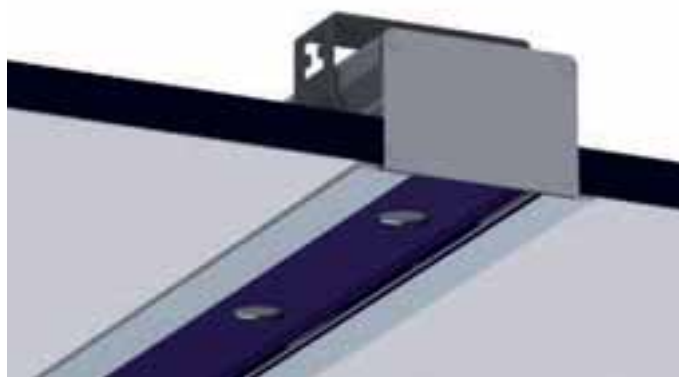


Recessed Fried

Protection degree IP65




- Material:** Extruded aluminium structure, lined with thermo paint, polycarbonate transparent diffuser.
- Optics:** Optics incorporated in the LED lamps.
- Supply:** Electronic equipment included with the lamp, adequate to the LED Lamps power.
- Lamps:** From 6 to 14 LED's Osram Dragon-X, with different powers from 7.3w to 35w accordig to the model.
- Life average:** 40.000 hours life average estimated.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** Titanium body with internal modules, in white, black, yellow, blue, red and titanium. If requested the external body can be supplied in white, black or chrome matt.
- Options:** Available also in other colours, masures and with accessories to create geometrical structures (Intermediate or 90° connections) Ask for more Information.

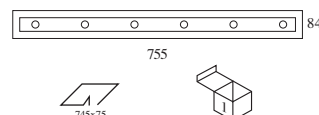


Recessed Fried 745 / 7.3w

Includes electronic equipment and 6 leds 1.2w


Ref.	Inside	Lamp	W	€	RAEE lum.
 3040 01 07	White	LED	7,3w	428,17	0.30
3040 02 07	Black	LED	7,3w	441,01	0.30
3040 12 07	Yellow	LED	7,3w	441,01	0.30
3040 60 07	Blue	LED	7,3w	441,01	0.30
3040 70 07	Red	LED	7,3w	441,01	0.30
3040 90 07	Titanium	LED	7,3w	441,01	0.30

* Supplied in a standard manner with LED 6500° K

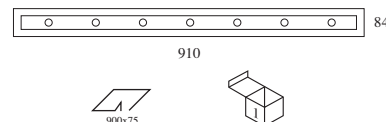


Recessed Fried 900 / 8.5w

Includes electronic equipment and 7 leds 1.2w


Ref.	Inside	Lamp	W	€	RAEE lum.
 3041 01 08	White	LED	8,5w	491,41	0.30
3041 02 08	Black	LED	8,5w	506,15	0.30
3041 12 08	Yellow	LED	8,5w	506,15	0.30
3041 60 08	Blue	LED	8,5w	506,15	0.30
3041 70 08	Red	LED	8,5w	506,15	0.30
3041 90 08	Titanium	LED	8,5w	506,15	0.30

* Supplied in a standard manner with LED 6500° K

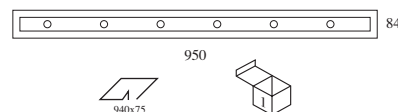


Recessed Fried 940 / 14.6w

Includes electronic equipment and 6 leds 2.4w

Ref.	Inside	Lamp	W	€	RAEE lum.
 3042 01 14	White	LED	14,6w	533,64	0.30
3042 02 14	Black	LED	14,6w	549,64	0.30
3042 12 14	Yellow	LED	14,6w	549,64	0.30
3042 60 14	Blue	LED	14,6w	549,64	0.30
3042 70 14	Red	LED	14,6w	549,64	0.30
3042 90 14	Titanium	LED	14,6w	549,64	0.30

* Supplied in a standard manner with LED 6500° K



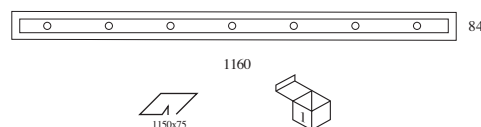


Recessed Fried 1150 / 17w

Includes electronic equipment and 7 leds 2.4w

Ref.	Inside	Lamp	W	€	RAEE lum.
3043 01 17	White	LED	17w	613,57	0.30
3043 02 17	Black	LED	17w	631,97	0.30
3043 12 17	Yellow	LED	17w	631,97	0.30
3043 60 17	Blue	LED	17w	631,97	0.30
3043 70 17	Red	LED	17w	631,97	0.30
3043 90 17	Titanium	LED	17w	631,97	0.30

* Supplied in a standard manner with LED 6500° K

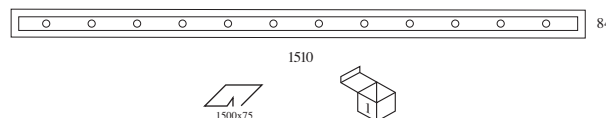


Recessed Fried 1500 / 30w

Includes electronic equipment and 12 leds 2.4w

Ref.	Inside	Lamp	W	€	RAEE lum.
3044 01 30	White	LED	30w	812,77	0.30
3044 02 30	Black	LED	30w	837,15	0.30
3044 12 30	Yellow	LED	30w	837,15	0.30
3044 60 30	Blue	LED	30w	837,15	0.30
3044 70 30	Red	LED	30w	837,15	0.30
3044 90 30	Titanium	LED	30w	837,15	0.30

* Supplied in a standard manner with LED 6500° K

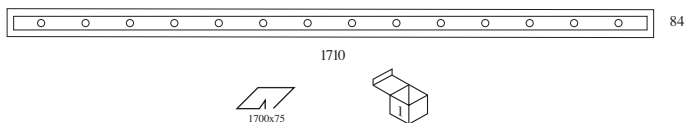


Recessed Fried 1700 / 35w

Includes electronic equipment and 14 leds 2.4w

Ref.	Inside	Lamp	W	€	RAEE lum.
3045 01 35	White	LED	35w	998,17	0.30
3045 02 35	Black	LED	35w	1028,11	0.30
3045 12 35	Yellow	LED	35w	1028,11	0.30
3045 60 35	Blue	LED	35w	1028,11	0.30
3045 70 35	Red	LED	35w	1028,11	0.30
3045 90 35	Titanium	LED	35w	1028,11	0.30

* Supplied in a standard manner with LED 6500° K

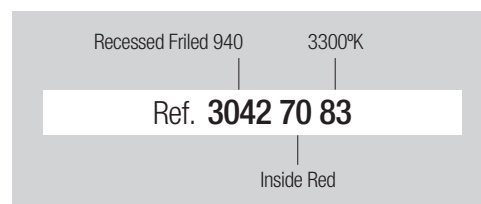


OPTIONS LED OSRAM DRAGON-X

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K
Ref. 86	6500°K

Example to write a reference with options



<i>Rough price increase of accessories</i>		€
Ref. DR1	Dimmable driver LED -111 lamp	116,80


Nogo

Protection degree IP20

- Material:** Steel sheet and injected aluminium thermo painted.
- Optics:** Optics incorporated in the lamps, each lamp is independently adjustable with Cardam system.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** The series of NOGO lightings use halogen lamps QR-111 and LED-111 lamps, suitable for domestic or commercial use and metal halide CDMR-111 lamps only suitable for commercial use, exhibition areas and group facilities.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, black, chrome matt and titanium.

Nogo CDM-R 111


Includes electronic equipment and CDM-R 111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
 157 01 35	White	CDM-R 111	GX8.5	35w	265,57	0.30	0.30
157 02 35	Black	CDM-R 111	GX8.5	35w	273,53	0.30	0.30
157 52 35	Chrome matt	CDM-R 111	GX8.5	35w	273,53	0.30	0.30
157 90 35	Titanium	CDM-R 111	GX8.5	35w	273,53	0.30	0.30
157 01 70	White	CDM-R 111	GX8.5	70w	267,65	0.30	0.30
157 02 70	Black	CDM-R 111	GX8.5	70w	275,67	0.30	0.30
157 52 70	Chrome matt	CDM-R 111	GX8.5	70w	275,67	0.30	0.30
157 90 70	Titanium	CDM-R 111	GX8.5	70w	275,67	0.30	0.30

* Supplied in a standard manner with maximum lamp bevel.
 * Supplied in a standard manner with 3000° K lamp lamp

Nogo LED-111

Includes electronic equipment and LED-111 lamp


Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
 156 01 12	White	LED	G53	12w	186,73	0.20	0.20
156 02 12	Black	LED	G53	12w	192,33	0.30	0.20
156 52 12	Chrome matt	LED	G53	12w	192,33	0.30	0.20
156 90 12	Titanium	LED	G53	12w	192,33	0.30	0.20

* Supplied in a standard manner with 3100° K lamp lamp

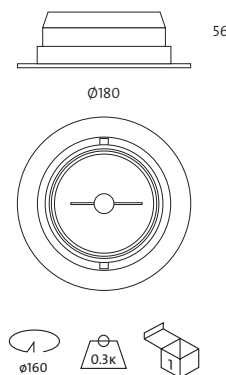
<i>Rough price increase of accessories</i>		€
Ref. DR1	Dimmable driver LED -111 lamp	116,80

Nogo QR-111

Includes electronic equipment and QR-111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	
 155 01 35	White	QR-111	G53	35w	82,64	0.30	
155 02 35	Black	QR-111	G53	35w	85,11	0.30	
155 52 35	Chrome matt	QR-111	G53	35w	85,11	0.30	
155 90 35	Titanium	QR-111	G53	35w	84,11	0.30	
155 01 50	White	QR-111	G53	50w	82,64	0.30	
155 02 50	Black	QR-111	G53	50w	85,11	0.30	
155 52 50	Chrome matt	QR-111	G53	50w	85,11	0.30	
155 90 50	Titanium	QR-111	G53	50w	85,11	0.30	
155 01 60	White	QR-111	G53	60w	80,94	0.30	
155 02 60	Black	QR-111	G53	60w	93,66	0.30	
155 52 60	Chrome matt	QR-111	G53	60w	93,66	0.30	
155 90 60	Titanium	QR-111	G53	60w	93,66	0.30	
155 01 75	White	QR-111	G53	75w	86,82	0.30	
155 02 75	Black	QR-111	G53	75w	89,42	0.30	
155 52 75	Chrome matt	QR-111	G53	75w	89,42	0.30	
155 90 75	Titanium	QR-111	G53	75w	89,42	0.30	
155 01 100	White	QR-111	G53	100w	86,82	0.30	
155 02 100	Black	QR-111	G53	100w	89,42	0.30	
155 52 100	Chrome matt	QR-111	G53	100w	89,42	0.30	
155 90 100	Titanium	QR-111	G53	100w	89,42	0.30	

* Supplied in a standard manner with maximum lamp bevel.



OPTIONS LAMP LED-111

IRC / Colour temperature

Ref. 83	3100°K
Ref. 84	4000°K

OPTIONS	Ref. 10	Ref. 24	Ref. 40
Bevel	10°	24°	40°
CDM-R 111 35w	•	•	•
CDM-R 111 70w	•	•	•

OPTIONS	Ref. 04	Ref. 08	Ref. 24	Ref. 45
Bevel	4°	8°	24°	45°
QR-111 35w	•		•	
QR-111 50w	•	•	•	•
QR-111 60w		•	•	•
QR-111 75w		•	•	•
QR-111 100w		•	•	•

Example to write a reference with options

Nogo QR 100w

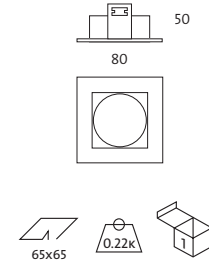
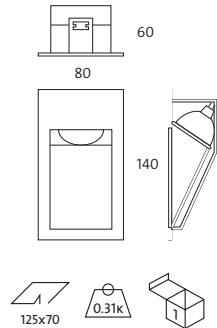
Ref. **155 52 10 24**

Chrome matt 24° bevel

Wok

Protection degree IP20

- Material:** Steel sheet thermo painted.
- Optics:** Optics incorporated in the lamps.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** The series of WOK lightings use dichroic halogen lamps and LED lamps, suitable for domestic and commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, black and titanium.



Wok asymmetric

Includes electronic equipment and DICHROIC HALOGEN lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
289 01 50	White	12v50w	GU5.3	50w	51,39	0.30
289 02 50	Black	12v50w	GU5.3	50w	52,93	0.30
289 90 50	Titanium	12v50w	GU5.3	50w	52,93	0.30

* Supplied in a standard manner with 36° opening lamp

Includes 4W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
289L 01 04	White	LED	GU-10	4w	90,37	0.30 0.20
289L 02 04	Black	LED	GU-10	4w	93,23	0.30 0.20
289L 90 04	Titanium	LED	GU-10	4w	93,23	0.30 0.20

* Supplied in a standard manner with 3000° K lamp lamp

Includes driver and 5W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
289L 01 05	White	LED	GU5.3	5w	95,62	0.30 0.20
289L 02 05	Black	LED	GU5.3	5w	98,51	0.30 0.20
289L 90 05	Titanium	LED	GU5.3	5w	98,51	0.30 0.20

* Supplied in a standard manner with 3100° K lamp lamp

Includes driver and MR16 LED RGB lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
289L 01 03	White	LED	GU5.3	3w	102,79	0.30 0.20
289L 02 03	Black	LED	GU5.3	3w	105,87	0.30 0.20
289L 90 03	Titanium	LED	GU5.3	3w	105,87	0.30 0.20



Rough price increase of accessories

Ref.	€
3080 Controller MR16 LED RGB lamp	6,60

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.

Wok square

Includes electronic equipment and DICHROIC HALOGEN lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
290 01 50	White	12v50w	GU5.3	50w	42,20	0.30
290 02 50	Black	12v50w	GU5.3	50w	43,46	0.30
290 90 50	Titanium	12v50w	GU5.3	50w	43,46	0.30

* Supplied in a standard manner with 36° opening lamp

Includes 2W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
290L 01 02	White	LED	GU-10	2w	47,66	0.30 0.20
290L 02 02	Black	LED	GU-10	2w	49,08	0.30 0.20
290L 90 02	Titanium	LED	GU-10	2w	49,08	0.30 0.20

* Supplied in a standard manner with 3000° K lamp lamp

Includes 4W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
290L 01 04	White	LED	GU-10	4w	81,55	0.30 0.20
290L 02 04	Black	LED	GU-10	4w	84,15	0.30 0.20
290L 90 04	Titanium	LED	GU-10	4w	84,15	0.30 0.20

* Supplied in a standard manner with 3000° K lamp lamp

Includes driver and 5W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
290L 01 05	White	LED	GU5.3	5w	86,80	0.30 0.20
290L 02 05	Black	LED	GU5.3	5w	89,40	0.30 0.20
290L 90 05	Titanium	LED	GU5.3	5w	89,40	0.30 0.20

* Supplied in a standard manner with 3100° K lamp lamp

Includes driver and MR16 LED RGB lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
290L 01 03	White	LED	GU5.3	3w	93,60	0.30 0.20
290L 02 03	Black	LED	GU5.3	3w	96,40	0.30 0.20
290L 90 03	Titanium	LED	GU5.3	3w	96,40	0.30 0.20





Modus

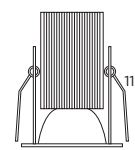
Protection degree IP43

- Material:** Anodized injected aluminium.
- Optics:** Optics incorporated in the lamps.
- Supply:** Electronic equipments included inside of the luminaries.
- Lamps:** LED lamps, composed of 3 LEDs each one of 3w.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, black chrome matt and titanium.

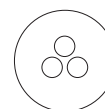
Includes driver and lamps LED

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
069 01	White	LED 3x2,4w	-	7,2w	125,14	0.30
069 02	Black	LED 3x2,4w	-	7,2w	125,14	0.30
069 52	Chrome matt	LED 3x2,4w	-	7,2w	125,14	0.30
069 90	Titanium	LED 3x2,4w	-	7,2w	125,14	0.30

* Supplied in a standard manner with 3300° K



ø90



OPTIONS LED OSRAM DRAGON-X

IRC / Colour temperature	
Ref. 83	3300°K
Ref. 85	5400°K
Ref. 86	6500°K

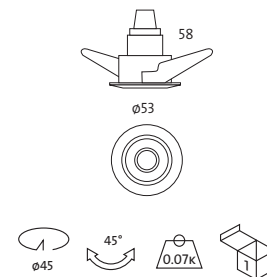
Rough price increase of accesories

	€ LED Unit
Ref. 3087 Red LED	5,00
Ref. 3088 Green LED	5,00
Ref. 3089 Blue LED	5,00

Boxter

Protection degree IP43

- Material:** Turned aluminium.
- Optics:** Optics incorporated in the lamps.
- Supply:** Electronic equipments included (transf. 3.5v).
- Lamps:** LED lamps, composed of 1 LEDs each one of 1w.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** Natural aluminium.



Includes driver and lamps LED



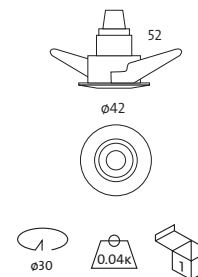
Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
067 05	Aluminium	LED 1x1w	-	1w	69,93	0.30

* Supplied in a standard manner with 6000° K lamp

Colver

Protection degree IP43

- Material:** Turned aluminium.
- Optics:** Optics incorporated in the lamps.
- Supply:** Electronic equipments included (transf. 3.5v).
- Lamps:** LED lamps, composed of 1 LEDs each one of 1w.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** Natural aluminium.



Includes driver and lamps LED



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
072 05	Aluminium	LED 1x1w	-	1w	82,17	0.30

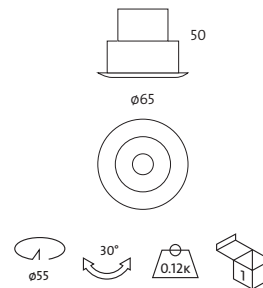
* Supplied in a standard manner with 6000° K lamp



Épica

Protection degree IP43

- Material:** Anodized injected aluminium.
- Optics:** Optics incorporated in the lamps.
- Supply:** Electronic equipments included.
- Lamps:** LED lamps, composed of 3 LEDs each one of 3w.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** Natural anodized aluminium.



Includes electronic equipment and lamps LED



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
068 52	Anodi. Aluminium	LED 1x3w	-	3w	81,06	0.30

* Supplied in a standard manner with 6000° K lamp



Adjustable aluminium

Protection degree IP20

- Material:** Injected aluminium thermo painted.
- Optics:** Optics incorporated in the lamps. (Adjustable system)
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** It uses halogen lamps and LED lamps, suitable for domestic and commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, black, chrome matt and titanium.
By request: 03 gold, 55 nickel, 57 nickel matt.



Includes lampholder

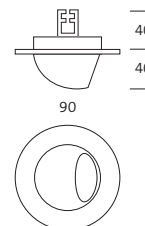
Ref.	Colour	Lamp	L/H	W	€
280 01	White	-	GU5.3	-	13,47
280 02	Black	-	GU5.3	-	14,77
280 52	Chrome matt	-	GU5.3	-	14,77
280 90	Titanium	-	GU5.3	-	14,77

Includes electronic equipment and DICHROIC HALOGEN lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
280 01 50	White	12v50w	GU5.3	50w	20,57	0.30
280 02 50	Black	12v50w	GU5.3	50w	21,87	0.30
280 52 50	Chrome matt	12v50w	GU5.3	50w	21,87	0.30
280 90 50	Titanium	12v50w	GU5.3	50w	21,87	0.30

* Supplied in a standard manner with 36° opening lamp



Includes 2W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
280L 01 02	White	LED	GU-10	2w	26,03	0.30	0.20
280L 02 02	Black	LED	GU-10	2w	27,33	0.30	0.20
280L 52 02	Chrome matt	LED	GU-10	2w	27,33	0.30	0.20
280L 90 02	Titanium	LED	GU-10	2w	27,33	0.30	0.20

* Supplied in a standard manner with 3000° K lamp lamp

Includes driver and 5W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
280L 01 05	White	LED	GU5.3	5w	65,17	0.30	0.20
280L 02 05	Black	LED	GU5.3	5w	66,47	0.30	0.20
280L 52 05	Chrome matt	LED	GU5.3	5w	66,47	0.30	0.20
280L 90 05	Titanium	LED	GU5.3	5w	66,47	0.30	0.20

* Supplied in a standard manner with 3100° K lamp lamp

Includes driver and MR16 LED RGB lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
280L 01 03	White	LED	GU5.3	3w	64,86	0.30	0.20
280L 02 03	Black	LED	GU5.3	3w	66,16	0.30	0.20
280L 52 03	Chrome matt	LED	GU5.3	3w	66,16	0.30	0.20
280L 90 03	Titanium	LED	GU5.3	3w	66,16	0.30	0.20



Rough price increase of accesories

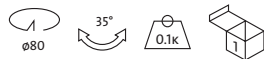
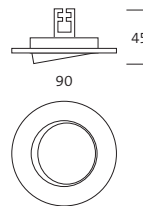
Ref.	Controller MR16 LED RGB lamp	€
3080	Controller MR16 LED RGB lamp	6,60

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.

Oscilating aluminium

Protection degree IP20

- Material:** Injected aluminium thermo painted.
- Optics:** Optics incorporated in the lamps. (Oscillating system)
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** It uses halogen lamps and LED lamps, suitable for domestic and commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, black, chrome matt and titanium.
By request: 03 gold, 55 nickel, 57 nickel matt.



Includes lampholder

Ref.	Colour	Lamp	L/H	W	€
282 01	White	-	GU5.3	-	12,15
282 02	Black	-	GU5.3	-	14,29
282 52	Chrome matt	-	GU5.3	-	14,29
282 90	Titanium	-	GU5.3	-	14,29

Includes electronic equipment and DICHROIC HALOGEN lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
282 01 50	White	12v50w	GU5.3	50w	19,26	0.30 0.20
282 02 50	Black	12v50w	GU5.3	50w	21,17	0.30 0.20
282 52 50	Chrome matt	12v50w	GU5.3	50w	21,17	0.30 0.20
282 90 50	Titanium	12v50w	GU5.3	50w	21,17	0.30 0.20

* Supplied in a standard manner with 36° opening lamp

Includes 2W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
282L 01 02	White	LED	GU-10	2w	25,33	0.30 0.20
282L 02 02	Black	LED	GU-10	2w	26,82	0.30 0.20
282L 52 02	Chrome matt	LED	GU-10	2w	26,82	0.30 0.20
282L 90 02	Titanium	LED	GU-10	2w	26,82	0.30 0.20

* Supplied in a standard manner with 3000° K lamp lamp

Includes 4W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
282L 01 04	White	LED	GU-10	4w	58,60	0.30 0.20
282L 02 04	Black	LED	GU-10	4w	60,70	0.30 0.20
282L 52 04	Chrome matt	LED	GU-10	4w	60,70	0.30 0.20
282L 90 04	Titanium	LED	GU-10	4w	60,70	0.30 0.20

* Supplied in a standard manner with 3000° K lamp lamp

Includes driver and 5W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
282L 01 05	White	LED	GU5.3	5w	63,86	0.30 0.20
282L 02 05	Black	LED	GU5.3	5w	65,96	0.30 0.20
282L 52 05	Chrome matt	LED	GU5.3	5w	65,96	0.30 0.20
282L 90 05	Titanium	LED	GU5.3	5w	65,96	0.30 0.20

* Supplied in a standard manner with 3100° K lamp lamp

Includes driver and MR16 LED RGB lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
282L 01 03	White	LED	GU5.3	3w	70,65	0.30 0.20
282L 02 03	Black	LED	GU5.3	3w	72,57	0.30 0.20
282L 52 03	Chrome matt	LED	GU5.3	3w	72,57	0.30 0.20
282L 90 03	Titanium	LED	GU5.3	3w	72,57	0.30 0.20

Ref.	Controller MR16 LED RGB lamp	€
3080	Controller MR16 LED RGB lamp	6,60

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.



Square aluminium

Protection degree IP20

- Material:** Injected aluminium thermo painted.
- Optics:** Optics incorporated in the lamps. (Oscillating system)
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** It uses halogen lamps and LED lamps, suitable for domestic and commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings
- Colours:** White, black, chrome matt and titanium.
By request: 03 gold, 55 nickel matt.



Includes lampholder

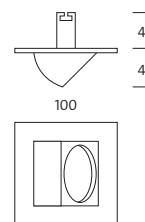
Ref.	Colour	Lamp	L/H	W	€
281 01	White	-	GU5.3	-	14,19
281 02	Black	-	GU5.3	-	14,77
281 52	Chrome matt	-	GU5.3	-	14,77
281 90	Titanium	-	GU5.3	-	14,77

Includes electronic equipment and DICHROIC HALOGEN lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
281 01 50	White	12v50w	GU5.3	50w	21,30	0.30
281 02 50	Black	12v50w	GU5.3	50w	21,87	0.30
281 52 50	Chrome matt	12v50w	GU5.3	50w	21,87	0.30
281 90 50	Titanium	12v50w	GU5.3	50w	21,87	0.30

* Supplied in a standard manner with 36° opening lamp



Includes 2W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
281L 01 02	White	LED	GU-10	2w	26,75	0.30	0.20
281L 02 02	Black	LED	GU-10	2w	27,52	0.30	0.20
281L 52 02	Chrome matt	LED	GU-10	2w	27,52	0.30	0.20
281L 90 02	Titanium	LED	GU-10	2w	27,52	0.30	0.20

* Supplied in a standard manner with 3000° K lamp lamp

Includes 4W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
281L 01 04	White	LED	GU-10	4w	60,64	0.30	0.20
281L 02 04	Black	LED	GU-10	4w	61,40	0.30	0.20
281L 52 04	Chrome matt	LED	GU-10	4w	61,40	0.30	0.20
281L 90 04	Titanium	LED	GU-10	4w	61,40	0.30	0.20

* Supplied in a standard manner with 3000° K lamp lamp

Includes driver and 5W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
281L 01 05	White	LED	GU5.3	5w	65,89	0.30	0.20
281L 02 05	Black	LED	GU5.3	5w	66,66	0.30	0.20
281L 52 05	Chrome matt	LED	GU5.3	5w	66,66	0.30	0.20
281L 90 05	Titanium	LED	GU5.3	5w	66,66	0.30	0.20

* Supplied in a standard manner with 3100° K lamp lamp

Includes driver and MR16 LED RGB lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
281L 01 03	White	LED	GU5.3	3w	65,59	0.30	0.20
281L 02 03	Black	LED	GU5.3	3w	66,16	0.30	0.20
281L 52 03	Chrome matt	LED	GU5.3	3w	66,16	0.30	0.20
281L 90 03	Titanium	LED	GU5.3	3w	66,16	0.30	0.20



Rough price increase of accessories

Ref.	Controller MR16 LED RGB lamp	€
3080	Controller MR16 LED RGB lamp	6,60

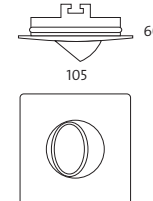
* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.

Square Aluminium / Adjustable Square Aluminium

Adjustable square aluminium

Protection degree IP20

- Material:** Injected aluminium thermo painted.
- Optics:** Optics incorporated in the lamps. Adjustable system.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** It uses halogen lamps and LED lamps, suitable for domestic and commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings. Easy installation, first mount pre-frames and later the external ring trim.
- Colours:** White, gold, chrome, chrome matt and nickel matt.



Includes lampholder

Ref.	Colour	Lamp	L/H	W	€
204 01	White	-	GU5.3	-	7,72
204 03	Gold	-	GU5.3	-	9,93
204 05	Chrome	-	GU5.3	-	9,93
204 52	Chrome matt	-	GU5.3	-	9,93
204 57	Nickel matt	-	GU5.3	-	9,93

Includes driver and 5W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
204L 01 05	White	LED	GU5.3	5w	58,52	0.30	0.20
204L 03 05	Gold	LED	GU5.3	5w	61,07	0.30	0.20
204L 05 05	Chrome	LED	GU5.3	5w	61,07	0.30	0.20
204L 52 05	Chrome matt	LED	GU5.3	5w	61,07	0.30	0.20
204L 57 05	Nickel matt	LED	GU5.3	5w	61,07	0.30	0.20

* Supplied in a standard manner with 3100° K lamp lamp

Includes electronic equipment and DICHROIC HALOGEN lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
204 01 50	White	12v50w	GU5.3	50w	14,83	0.30
204 03 50	Gold	12v50w	GU5.3	50w	17,09	0.30
204 05 50	Chrome	12v50w	GU5.3	50w	17,09	0.30
204 52 50	Chrome matt	12v50w	GU5.3	50w	17,09	0.30
204 57 50	Nickel matt	12v50w	GU5.3	50w	17,09	0.30

* Supplied in a standard manner with 36° opening lamp

Includes driver and MR16 LED RGB lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
204L 01 03	White	LED	GU5.3	3w	65,32	0.30	0.20
204L 03 03	Gold	LED	GU5.3	3w	67,87	0.30	0.20
204L 05 03	Chrome	LED	GU5.3	3w	67,87	0.30	0.20
204L 52 03	Chrome matt	LED	GU5.3	3w	67,87	0.30	0.20
204L 57 03	Nickel matt	LED	GU5.3	3w	67,87	0.30	0.20

Rough price increase of accessories

Ref.	Controller MR16 LED RGB lamp	€
Ref. 3080	Controller MR16 LED RGB lamp	6,60

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.



Adjustable circular aluminium

Protection degree IP20

- Material:** Injected aluminium thermo painted.
- Optics:** Optics incorporated in the lamps. Adjustable system.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** It uses halogen lamps and LED lamps, suitable for domestic and commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings. Easy installation, first mount pre-frames and later the external ring trim.
- Colours:** White, gold, cromo, chrome matt and nickel matt.



Includes lampholder

Ref.	Colour	Lamp	L/H	W	€
203 01	White	-	GU5.3	-	6,61
203 03	Gold	-	GU5.3	-	9,11
203 05	Chrome	-	GU5.3	-	9,11
203 52	Chrome matt	-	GU5.3	-	9,11
203 57	Nickel matt	-	GU5.3	-	9,11

Includes driver and 5W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
203L 01 05	White	LED	GU5.3	5w	58,31	0.30 0.20
203L 03 05	Gold	LED	GU5.3	5w	62,00	0.30 0.20
203L 05 05	Chrome	LED	GU5.3	5w	62,00	0.30 0.20
203L 52 05	Chrome matt	LED	GU5.3	5w	62,00	0.30 0.20
203L 57 05	Nickel matt	LED	GU5.3	5w	62,00	0.30 0.20

* Supplied in a standard manner with 3100° K lamp lamp

Includes electronic equipment and DICHROIC HALOGEN lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
203 01 50	White	12v50w	GU5.3	50w	14,21	0.30
203 03 50	Gold	12v50w	GU5.3	50w	16,48	0.30
203 05 50	Chrome	12v50w	GU5.3	50w	16,48	0.30
203 52 50	Chrome matt	12v50w	GU5.3	50w	16,48	0.30
203 57 50	Nickel matt	12v50w	GU5.3	50w	16,48	0.30

* Supplied in a standard manner with 36° opening lamp

Includes driver and MR16 LED RGB lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
203L 01 03	White	LED	GU5.3	3w	65,11	0.30 0.20
203L 03 03	Gold	LED	GU5.3	3w	67,61	0.30 0.20
203L 05 03	Chrome	LED	GU5.3	3w	67,61	0.30 0.20
203L 52 03	Chrome matt	LED	GU5.3	3w	67,61	0.30 0.20
203L 57 03	Nickel matt	LED	GU5.3	3w	67,61	0.30 0.20

Ref.	Colour	Lamp	€
3080	Controller MR16 LED RGB lamp	6,60	

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.

Adjustable GU-10

Protection degree IP20

- Material:** Steel sheet thermo painted.
- Optics:** Optics incorporated in the lamps.
- Supply:** Directly connected to the 220v main.
- Lamps:** It uses direct halogen lamps GU-10 / 50w .
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, black, gold and chrome.
By request: 55 nickel matt, 90 titanium.



Includes DIRECT lamp 220v GU-10

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
297 01	White	Halogen 220v	GU-10	50w	13,10	0.30
297 02	Black	Halogen 220v	GU-10	50w	18,74	0.30
297 03	Gold	Halogen 220v	GU-10	50w	18,74	0.30
297 05	Chrome	Halogen 220v	GU-10	50w	18,74	0.30



Adjustable circular / Adjustable GU-10 / Cibolin

Cibolín

Protection degree IP20

- Material:** Steel sheet thermo painted.
- Optics:** Optics incorporated in the lamps, adjustable system.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** It uses halogen lamps and LED lamps, suitable for domestic or commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, gold, cromo, chrome matt and nickel matt.



Includes lampholder

Ref.	Colour	Lamp	L/H	W	€
291 01	White	-	GU5.3	-	22,86
291 02	Black	-	GU5.3	-	26,36
291 03	Gold	-	GU5.3	-	26,36
291 05	Chrome	-	GU5.3	-	26,36
291 56	Nickel matt	-	GU5.3	-	26,36

Includes driver and 5W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
291L 01 05	White	LED	GU5.3	5w	74,57	0.30	0.20
291L 02 05	Black	LED	GU5.3	5w	78,03	0.30	0.20
291L 03 05	Gold	LED	GU5.3	5w	78,03	0.30	0.20
291L 05 05	Chrome	LED	GU5.3	5w	78,03	0.30	0.20
291L 56 05	Nickel matt	LED	GU5.3	5w	78,03	0.30	0.20

* Supplied in a standard manner with 3100° K lamp lamp

Includes electronic equipment and DICHROIC HALOGEN lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
291 01 50	White	12v50w	GU5.3	50w	29,97	0.30
291 02 50	Black	12v50w	GU5.3	50w	33,24	0.30
291 03 50	Gold	12v50w	GU5.3	50w	33,24	0.30
291 05 50	Chrome	12v50w	GU5.3	50w	33,24	0.30
291 56 50	Nickel matt	12v50w	GU5.3	50w	33,24	0.30

* Supplied in a standard manner with 36° opening lamp

Includes driver and MR16 LED RGB lamp

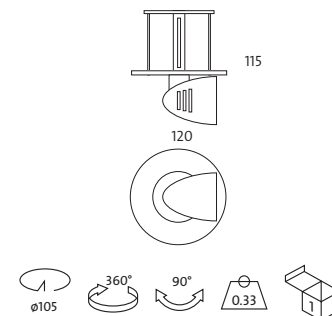
Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
291L 01 03	White	LED	GU5.3	5w	81,37	0.30	0.20
291L 02 03	Black	LED	GU5.3	5w	84,64	0.30	0.20
291L 03 03	Gold	LED	GU5.3	5w	84,64	0.30	0.20
291L 05 03	Chrome	LED	GU5.3	5w	84,64	0.30	0.20
291L 56 03	Nickel matt	LED	GU5.3	5w	84,64	0.30	0.20



Rough price increase of accessories

Ref.	Accessories	€
3080	Controller MR16 LED RGB lamp	6,60

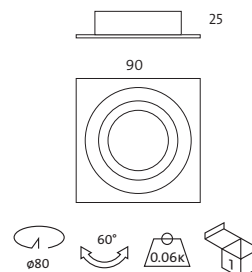
* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.



Logic

Protection degree IP20

- Material:** Turned aluminium.
- Optics:** Optics incorporated in the lamps.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** It uses halogen lamps and LED lamps, suitable for domestic or commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** Natural aluminium.



Logic square

Includes lampholder

Ref.	Colour	Lamp	L/H	W	€
227 00	Natural al.	-	GU5.3	-	14,21

Includes electronic equipment and DICHROIC HALOGEN lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
227 00 50	Natural al.	12v50w	GU5.3	50w	21,32	0.30

* Supplied in a standard manner with 36° opening lamp

Includes LOW CONSUMPTION lamp 11w GU-10



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
227K 00 11	Natural al.	220v11w	GU-10	11w	23,69	0.30 0.20

* Supplied in a standard manner with 40° opening lamp

Includes 2W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
227L 00 02	Natural al.	LED	GU-10	2w	25,75	0.30 0.20

* Supplied in a standard manner with 3000° K lamp lamp

Includes 4W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
227L 00 04	Natural al.	LED	GU-10	4w	60,77	0.30 0.20

* Supplied in a standard manner with 3000° K lamp lamp

Includes driver and 5W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
227L 00 05	Natural al.	LED	GU5.3	5w	66,02	0.30 0.20

* Supplied in a standard manner with 3100° K lamp lamp

Includes driver and MR16 LED RGB lamp



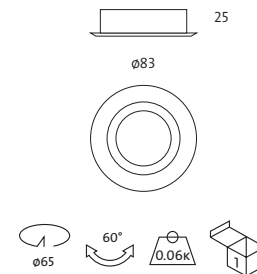
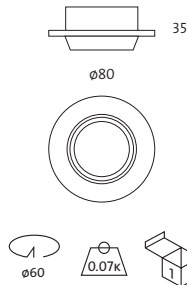
Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
227L 00 03	Natural al.	LED	GU5.3	3w	72,71	0.30 0.20



Rough price increase of accessories

Ref.	Controller MR16 LED RGB lamp	€
3080		6,60

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.



Logic fixed

Includes lampholder

Ref.	Colour	Lamp	L/H	W	€
229 00	Natural al.	-	GU5.3	-	12,33

Includes electronic equipment and DICHROIC HALOGEN lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
229 00 50	Natural al.	12v50w	GU5.3	50w	19,44	0.30

* Supplied in a standard manner with 36° opening lamp

Includes LOW CONSUMPTION lamp 11w GU-10



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
229K 00 11	Natural al.	220v11w	GU-10	11w	21,80	0.30 0.20

* Supplied in a standard manner with 40° opening lamp

Includes 2W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
229L 00 02	Natural al.	LED	GU-10	2w	23,87	0.30 0.20

* Supplied in a standard manner with 3000° K lamp lamp

Includes 4W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
229L 00 04	Natural al.	LED	GU-10	4w	58,89	0.30 0.20

* Supplied in a standard manner with 3000° K lamp lamp

Includes driver and 5W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
229L 00 05	Natural al.	LED	GU5.3	5w	64,14	0.30 0.20

* Supplied in a standard manner with 3100° K lamp lamp

Includes driver and MR16 LED RGB lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
229L 00 03	Natural al.	LED	GU5.3	3w	70,84	0.30 0.20

Logic adjustable

Includes lampholder

Ref.	Colour	Lamp	L/H	W	€
228 00	Natural al.	-	GU5.3	-	11,24

Includes electronic equipment and DICHROIC HALOGEN lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
228 00 50	Natural al.	12v50w	GU5.3	50w	18,35	0.30

* Supplied in a standard manner with 36° opening lamp

Includes LOW CONSUMPTION lamp 11w GU-10



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
228K 00 11	Natural al.	220v11w	GU-10	11w	20,70	0.30 0.20

* Supplied in a standard manner with 40° opening lamp

Includes 2W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
228L 00 02	Natural al.	LED	GU-10	2w	20,80	0.30 0.20

* Supplied in a standard manner with 3000° K lamp lamp

Includes 4W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
228L 00 04	Natural al.	LED	GU-10	4w	57,70	0.30 0.20

* Supplied in a standard manner with 3000° K lamp lamp

Includes driver and 5W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
228L 00 05	Natural al.	LED	GU5.3	5w	62,95	0.30 0.20

* Supplied in a standard manner with 3100° K lamp lamp

Includes driver and MR16 LED RGB lamp



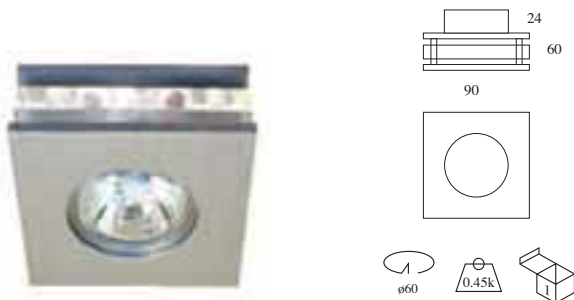
Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
228L 00 03	Natural al.	LED	GU5.3	3w	69,75	0.30 0.20



Bravia

Protection degree IP20

- Material:** Aluminium and methacrylate.
- Optics:** Optics incorporated in the lamps.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** It uses halogen lamps and LED lamps, suitable for domestic or commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** Natural aluminium.



Bravia square

Includes lampholder

Ref.	Colour	Lamp	L/H	W	€
219 00	Natural al.	-	GU5.3	-	37,90

Includes electronic equipment and DICHROIC HALOGEN lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
219 00 50	Natural al.	12v50w	GU5.3	50w	45,01	0.30

* Supplied in a standard manner with 36° opening lamp

Includes LOW CONSUMPTION lamp 11w GU-10

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
219K 00 11	Natural al.	220v11w	GU-10	11w	47,38	0.30 0.20

* Supplied in a standard manner with 40° opening lamp

Includes 2W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
219L 00 02	Natural al.	LED	GU-10	2w	49,44	0.30 0.20

* Supplied in a standard manner with 3000° K lamp lamp

Includes 4W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
219L 00 04	Natural al.	LED	GU-10	4w	84,46	0.30 0.20

* Supplied in a standard manner with 3000° K lamp lamp

Includes driver and 5W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
219L 00 05	Natural al.	LED	GU5.3	5w	87,10	0.30 0.20

* Supplied in a standard manner with 3100° K lamp lamp

Includes driver and 7W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
219L 00 07	Natural al.	LED	GU-10	7w	108,45	0.30 0.20

* Supplied in a standard manner with 3100° K lamp lamp

Includes driver and MR16 LED RGB lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
219L 00 03	Natural al.	LED	GU5.3	3w	96,40	0.30 0.20

Rough price increase of accesories

Ref.	Colour	Lamp	L/H	W	€
3080	Controller MR16 LED RGB lamp				6,60

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.



Bravia circular

Includes lampholder

Ref.	Colour	Lamp	L/H	W	€
220 00	Natural al.	-	GU5.3	-	36,97

Includes electronic equipment and DICHROIC HALOGEN lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
220 00 50	Natural al.	12v50w	GU5.3	50w	44,08	0.30

* Supplied in a standard manner with 36° opening lamp

Includes LOW CONSUMPTION lamp 11w GU-10

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
220K 00 11	Natural al.	220v11w	GU-10	11w	46,45	0.30 0.20

* Supplied in a standard manner with 40° opening lamp

Includes 2W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
220L 00 02	Natural al.	LED	GU-10	2w	50,47	0.30 0.20

* Supplied in a standard manner with 3000° K lamp lamp

Includes 4W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
220L 00 04	Natural al.	LED	GU-10	4w	83,53	0.30 0.20

* Supplied in a standard manner with 3000° K lamp lamp

Includes driver and 5W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
220L 00 05	Natural al.	LED	GU5.3	5w	88,78	0.30 0.20

* Supplied in a standard manner with 3100° K lamp lamp

Includes driver and 7W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
220L 00 07	Natural al.	LED	GU-10	7w	107,12	0.30 0.20

* Supplied in a standard manner with 3100° K lamp lamp

Includes driver and MR16 LED RGB lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
220L 00 03	Natural al.	LED	GU5.3	3w	95,48	0.30 0.20

Rough price increase of accesories

Ref.	Colour	Lamp	L/H	W	€
3080	Controller MR16 LED RGB lamp				6,60

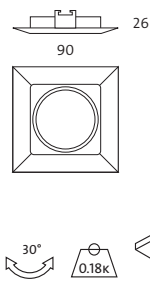
* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.



Square Zamak 50mm

Protection degree IP20

- Material:** Injected zamak thermo painted.
- Optics:** Optics incorporated in the lamps.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** It uses halogen lamps and LED lamps, suitable for domestic or commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, black, gold, graphite, chrome, chrome matt and titanium.



Includes lampholder



Ref.	Colour	Lamp	L/H	W	€
284 01	White	-	GU5.3	-	6,47
284 02	Black	-	GU5.3	-	7,85
284 03	Gold	-	GU5.3	-	7,85
284 04	Graphite	-	GU5.3	-	7,85
284 05	Chrome	-	GU5.3	-	7,85
284 52	Chrome matt	-	GU5.3	-	7,85
284 90	Titanium	-	GU5.3	-	7,85

Includes electronic equipment and DICHROIC HALOGEN lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
284 01 50	White	12v50w	GU5.3	50w	14,71	0.30
284 02 50	Black	12v50w	GU5.3	50w	16,09	0.30
284 03 50	Gold	12v50w	GU5.3	50w	16,09	0.30
284 04 50	Graphite	12v50w	GU5.3	50w	16,09	0.30
284 05 50	Chrome	12v50w	GU5.3	50w	16,09	0.30
284 52 50	Chrome matt	12v50w	GU5.3	50w	16,09	0.30
284 90 50	Titanium	12v50w	GU5.3	50w	16,09	0.30

* Supplied in a standard manner with 36° opening lamp

Includes LOW CONSUMPTION lamp 11w GU-10



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
284K 01 11	White	220v11w	GU-10	11w	15,95	0.30 0.20
284K 02 11	Black	220v11w	GU-10	11w	17,33	0.30 0.20
284K 03 11	Gold	220v11w	GU-10	11w	17,33	0.30 0.20
284K 04 11	Graphite	220v11w	GU-10	11w	17,33	0.30 0.20
284K 05 11	Chrome	220v11w	GU-10	11w	17,33	0.30 0.20
284K 52 11	Chrome matt	220v11w	GU-10	11w	17,33	0.30 0.20
284K 90 11	Titanium	220v11w	GU-10	11w	17,33	0.30 0.20

* Supplied in a standard manner with 40° opening lamp

Includes 2W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
284L 01 02	White	LED	GU-10	2w	19,04	0.30 0.20
284L 02 02	Black	LED	GU-10	2w	20,42	0.30 0.20
284L 03 02	Gold	LED	GU-10	2w	20,42	0.30 0.20
284L 04 02	Graphite	LED	GU-10	2w	20,42	0.30 0.20
284L 05 02	Chrome	LED	GU-10	2w	20,42	0.30 0.20
284L 52 02	Chrome matt	LED	GU-10	2w	20,42	0.30 0.20
284L 90 02	Titanium	LED	GU-10	2w	20,42	0.30 0.20

* Supplied in a standard manner with 3000° K lamp lamp

Includes 4W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
284L 01 04	White	LED	GU-10	4w	52,93	0.30 0.20
284L 02 04	Black	LED	GU-10	4w	54,31	0.30 0.20
284L 03 04	Gold	LED	GU-10	4w	54,31	0.30 0.20
284L 04 04	Graphite	LED	GU-10	4w	54,31	0.30 0.20
284L 05 04	Chrome	LED	GU-10	4w	54,31	0.30 0.20
284L 52 04	Chrome matt	LED	GU-10	4w	54,31	0.30 0.20
284L 90 04	Titanium	LED	GU-10	4w	54,31	0.30 0.20

* Supplied in a standard manner with 3000° K lamp lamp

Includes driver and 5W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
284L 01 05	White	LED	GU5.3	5w	58,18	0.30 0.20
284L 02 05	Black	LED	GU5.3	5w	59,56	0.30 0.20
284L 03 05	Gold	LED	GU5.3	5w	59,56	0.30 0.20
284L 04 05	Graphite	LED	GU5.3	5w	59,56	0.30 0.20
284L 05 05	Chrome	LED	GU5.3	5w	59,56	0.30 0.20
284L 52 05	Chrome matt	LED	GU5.3	5w	59,56	0.30 0.20
284L 90 05	Titanium	LED	GU5.3	5w	59,56	0.30 0.20

* Supplied in a standard manner with 3100° K lamp lamp

Includes driver and MR16 LED RGB lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
284L 01 03	White	LED	GU5.3	3w	64,98	0.30 0.20
284L 02 03	Black	LED	GU5.3	3w	66,36	0.30 0.20
284L 03 03	Gold	LED	GU5.3	3w	66,36	0.30 0.20
284L 04 03	Graphite	LED	GU5.3	3w	66,36	0.30 0.20
284L 05 03	Chrome	LED	GU5.3	3w	66,36	0.30 0.20
284L 52 03	Chrome matt	LED	GU5.3	3w	66,36	0.30 0.20
284L 90 03	Titanium	LED	GU5.3	3w	66,36	0.30 0.20

Includes 7W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
284L 01 07	White	LED	GU-10	7w	120,91	0.30 0.20
284L 02 07	Black	LED	GU-10	7w	122,29	0.30 0.20
284L 03 07	Gold	LED	GU-10	7w	122,29	0.30 0.20
284L 04 07	Graphite	LED	GU-10	7w	122,29	0.30 0.20
284L 05 07	Chrome	LED	GU-10	7w	122,29	0.30 0.20
284L 52 07	Chrome matt	LED	GU-10	7w	122,29	0.30 0.20
284L 90 07	Titanium	LED	GU-10	7w	122,29	0.30 0.20

* Supplied in a standard manner with 3100° K lamp lamp

Rough price increase of accesories

Ref.	Controller MR16 LED RGB lamp	€
3080		6,60

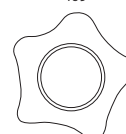
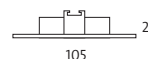
* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.



Star 50mm

Protection degree IP20

- Material:** Injected zamak thermo painted.
- Optics:** Optics incorporated in the lamps, oscillating system.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** It uses halogen lamps and LED lamps, suitable for domestic or commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, black, red, green, blue, chrome matt and titanium.



Includes lampholder



Ref.	Colour	Lamp	L/H	W	€
285 01	White	-	GU5.3	-	6,59
285 02	Black	-	GU5.3	-	7,97
285 70	Red	-	GU5.3	-	7,97
285 45	Green	-	GU5.3	-	7,97
285 60	Blue	-	GU5.3	-	7,97
285 52	Chrome matt	-	GU5.3	-	7,97
285 90	Titanium	-	GU5.3	-	7,97

Includes electronic equipment and DICHROIC HALOGEN lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
285 01 50	White	12v50w	GU5.3	50w	14,83	0.30
285 02 50	Black	12v50w	GU5.3	50w	16,21	0.30
285 70 50	Red	12v50w	GU5.3	50w	16,21	0.30
285 45 50	Green	12v50w	GU5.3	50w	16,21	0.30
285 60 50	Blue	12v50w	GU5.3	50w	16,21	0.30
285 52 50	Chrome matt	12v50w	GU5.3	50w	16,21	0.30
285 90 50	Titanium	12v50w	GU5.3	50w	16,21	0.30

* Supplied in a standard manner with 36° opening lamp

Includes LOW CONSUMPTION lamp 11w GU-10



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
285K 01 11	White	220v11w	GU-10	11w	16,06	0.30 0.20
285K 02 11	Black	220v11w	GU-10	11w	17,33	0.30 0.20
285K 70 11	Red	220v11w	GU-10	11w	17,33	0.30 0.20
285K 45 11	Green	220v11w	GU-10	11w	17,33	0.30 0.20
285K 60 11	Blue	220v11w	GU-10	11w	17,33	0.30 0.20
285K 52 11	Chrome matt	220v11w	GU-10	11w	17,33	0.30 0.20
285K 90 11	Titanium	220v11w	GU-10	11w	17,33	0.30 0.20

* Supplied in a standard manner with 40° opening lamp

Includes 2W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
285L 01 02	White	LED	GU-10	2w	19,15	0.30 0.20
285L 02 02	Black	LED	GU-10	2w	20,53	0.30 0.20
285L 03 02	Gold	LED	GU-10	2w	20,53	0.30 0.20
285L 04 02	Graphite	LED	GU-10	2w	20,53	0.30 0.20
285L 05 02	Chrome	LED	GU-10	2w	20,53	0.30 0.20
285L 52 02	Chrome matt	LED	GU-10	2w	20,53	0.30 0.20
285L 90 02	Titanium	LED	GU-10	2w	20,53	0.30 0.20

* Supplied in a standard manner with 3000° K lamp lamp

Includes 4W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
285L 01 04	White	LED	GU-10	4w	53,04	0.30 0.20
285L 02 04	Black	LED	GU-10	4w	54,42	0.30 0.20
285L 03 04	Gold	LED	GU-10	4w	54,42	0.30 0.20
285L 04 04	Graphite	LED	GU-10	4w	54,42	0.30 0.20
285L 05 04	Chrome	LED	GU-10	4w	54,42	0.30 0.20
285L 52 04	Chrome matt	LED	GU-10	4w	54,42	0.30 0.20
285L 90 04	Titanium	LED	GU-10	4w	54,42	0.30 0.20

* Supplied in a standard manner with 3000° K lamp lamp

Includes driver and 5W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
285L 01 05	White	LED	GU5.3	5w	58,29	0.30 0.20
285L 02 05	Black	LED	GU5.3	5w	59,67	0.30 0.20
285L 03 05	Gold	LED	GU5.3	5w	59,67	0.30 0.20
285L 04 05	Graphite	LED	GU5.3	5w	59,67	0.30 0.20
285L 05 05	Chrome	LED	GU5.3	5w	59,67	0.30 0.20
285L 52 05	Chrome matt	LED	GU5.3	5w	59,67	0.30 0.20
285L 90 05	Titanium	LED	GU5.3	5w	59,67	0.30 0.20

* Supplied in a standard manner with 3100° K lamp lamp

Includes driver and MR16 LED RGB lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
285L 01 03	White	LED	GU5.3	3w	65,09	0.30 0.20
285L 02 03	Black	LED	GU5.3	3w	66,47	0.30 0.20
285L 03 03	Gold	LED	GU5.3	3w	66,47	0.30 0.20
285L 04 03	Graphite	LED	GU5.3	3w	66,47	0.30 0.20
285L 05 03	Chrome	LED	GU5.3	3w	66,47	0.30 0.20
285L 52 03	Chrome matt	LED	GU5.3	3w	66,47	0.30 0.20
285L 90 03	Titanium	LED	GU5.3	3w	66,47	0.30 0.20

Includes 7W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
285L 01 07	White	LED	GU5.3	7w	121,02	0.30 0.20
285L 02 07	Black	LED	GU5.3	7w	122,40	0.30 0.20
285L 03 07	Gold	LED	GU5.3	7w	122,40	0.30 0.20
285L 04 07	Graphite	LED	GU5.3	7w	122,40	0.30 0.20
285L 05 07	Chrome	LED	GU5.3	7w	122,40	0.30 0.20
285L 52 07	Chrome matt	LED	GU5.3	7w	122,40	0.30 0.20
285L 90 07	Titanium	LED	GU5.3	7w	122,40	0.30 0.20

* Supplied in a standard manner with 3100° K lamp lamp



Rough price increase of accessories

Ref.	Controller	RAEE lum. lamp.	€
Ref. 3080	Controller MR16 LED RGB lamp		6,60

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.

Adjustable Zamak 50mm

Protection degree IP20

- Material:** Injected zamak thermo painted.
- Optics:** Optics incorporated in the lamps, adjustable system.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** It uses halogen lamps and LED lamps, suitable for domestic or commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, black, gold, graphite, chrome and chrome matt.

Includes lampholder

Ref.	Colour	Lamp	L/H	W	€
286 01	White	-	GU5.3	-	4,70
286 02	Black	-	GU5.3	-	5,88
286 03	Gold	-	GU5.3	-	5,88
286 04	Graphite	-	GU5.3	-	5,88
286 05	Chrome	-	GU5.3	-	5,88
286 52	Chrome matt	-	GU5.3	-	5,88

Includes electronic equipment and DICHROIC HALOGEN lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
286 01 50	White	12v50w	GU5.3	50w	12,94	0.30
286 02 50	Black	12v50w	GU5.3	50w	14,12	0.30
286 03 50	Gold	12v50w	GU5.3	50w	14,12	0.30
286 04 50	Graphite	12v50w	GU5.3	50w	14,12	0.30
286 05 50	Chrome	12v50w	GU5.3	50w	14,12	0.30
286 52 50	Chrome matt	12v50w	GU5.3	50w	14,12	0.30

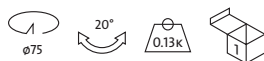
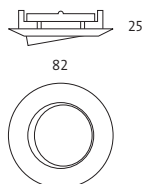
* Supplied in a standard manner with 36° opening lamp

Includes LOW CONSUMPTION lamp 11w GU-10



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
286K 01 11	White	220v11w	GU-10	11w	14,18	0.30 0.20
286K 02 11	Black	220v11w	GU-10	11w	15,35	0.30 0.20
286K 03 11	Gold	220v11w	GU-10	11w	15,35	0.30 0.20
286K 04 11	Graphite	220v11w	GU-10	11w	15,35	0.30 0.20
286K 05 11	Chrome	220v11w	GU-10	11w	15,35	0.30 0.20
286K 52 11	Chrome matt	220v11w	GU-10	11w	15,35	0.30 0.20

* Supplied in a standard manner with 40° opening lamp



Ref.	Controller	€
3080	MR16 LED RGB lamp	6,60

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.



Includes 2W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
286L 01 02	White	LED	GU-10	2w	17,27	0.30 0.20
286L 02 02	Black	LED	GU-10	2w	18,44	0.30 0.20
286L 03 02	Gold	LED	GU-10	2w	18,44	0.30 0.20
286L 04 02	Graphite	LED	GU-10	2w	18,44	0.30 0.20
286L 05 02	Chrome	LED	GU-10	2w	18,44	0.30 0.20
286L 52 02	Chrome matt	LED	GU-10	2w	18,44	0.30 0.20

* Supplied in a standard manner with 3000° K lamp lamp

Includes 4W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
286L 01 04	White	LED	GU-10	4w	51,16	0.30 0.20
286L 02 04	Black	LED	GU-10	4w	52,33	0.30 0.20
286L 03 04	Gold	LED	GU-10	4w	52,33	0.30 0.20
286L 04 04	Graphite	LED	GU-10	4w	52,33	0.30 0.20
286L 05 04	Chrome	LED	GU-10	4w	52,33	0.30 0.20
286L 52 04	Chrome matt	LED	GU-10	4w	52,33	0.30 0.20

* Supplied in a standard manner with 3000° K lamp lamp

Includes driver and 5W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
286L 01 05	White	LED	GU5.3	5w	56,41	0.30 0.20
286L 02 05	Black	LED	GU5.3	5w	57,58	0.30 0.20
286L 03 05	Gold	LED	GU5.3	5w	57,58	0.30 0.20
286L 04 05	Graphite	LED	GU5.3	5w	57,58	0.30 0.20
286L 05 05	Chrome	LED	GU5.3	5w	57,58	0.30 0.20
286L 52 05	Chrome matt	LED	GU5.3	5w	57,58	0.30 0.20

* Supplied in a standard manner with 3100° K lamp lamp

Includes driver and MR16 LED RGB lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
286L 01 03	White	LED	GU5.3	3w	63,21	0.30 0.20
286L 02 03	Black	LED	GU5.3	3w	64,38	0.30 0.20
286L 03 03	Gold	LED	GU5.3	3w	64,38	0.30 0.20
286L 04 03	Graphite	LED	GU5.3	3w	64,38	0.30 0.20
286L 05 03	Chrome	LED	GU5.3	3w	64,38	0.30 0.20
286L 52 03	Chrome matt	LED	GU5.3	3w	64,38	0.30 0.20

Includes 7W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
286L 01 07	White	LED	GU-10	7w	119,14	0.30 0.20
286L 02 07	Black	LED	GU-10	7w	120,31	0.30 0.20
286L 03 07	Gold	LED	GU-10	7w	120,31	0.30 0.20
286L 04 07	Graphite	LED	GU-10	7w	120,31	0.30 0.20
286L 05 07	Chrome	LED	GU-10	7w	120,31	0.30 0.20
286L 52 07	Chrome matt	LED	GU-10	7w	120,31	0.30 0.20

* Supplied in a standard manner with 3100° K lamp lamp

Fixed Zamak 50mm

Protection degree IP20

- Material:** Injected zamak thermo painted.
- Optics:** Optics incorporated in the lamps.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** It uses halogen lamps and LED lamps, suitable for domestic or commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, black, gold, graphite, chrome and chrome matt.

Includes lampholder

Ref.	Colour	Lamp	L/H	W	€
287 01	White	-	GU5.3	-	3,09
287 02	Black	-	GU5.3	-	3,96
287 03	Gold	-	GU5.3	-	3,96
287 04	Graphite	-	GU5.3	-	3,96
287 05	Chrome	-	GU5.3	-	3,96
287 52	Chrome matt	-	GU5.3	-	3,96

Includes electronic equipment and DICHROIC HALOGEN lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
287 01 50	White	12v50w	GU5.3	50w	11,40	0.30
287 02 50	Black	12v50w	GU5.3	50w	12,20	0.30
287 03 50	Gold	12v50w	GU5.3	50w	12,20	0.30
287 04 50	Graphite	12v50w	GU5.3	50w	12,20	0.30
287 05 50	Chrome	12v50w	GU5.3	50w	12,20	0.30
287 52 50	Chrome matt	12v50w	GU5.3	50w	12,20	0.30

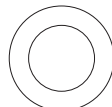
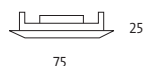
* Supplied in a standard manner with 36° opening lamp

Includes LOW CONSUMPTION lamp 11w GU-10



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
287K 01 11	White	220v11w	GU-10	11w	12,63	0.30 0.20
287K 02 11	Black	220v11w	GU-10	11w	13,44	0.30 0.20
287K 03 11	Gold	220v11w	GU-10	11w	13,44	0.30 0.20
287K 04 11	Graphite	220v11w	GU-10	11w	13,44	0.30 0.20
287K 05 11	Chrome	220v11w	GU-10	11w	13,44	0.30 0.20
287K 52 11	Chrome matt	220v11w	GU-10	11w	13,44	0.30 0.20

* Supplied in a standard manner with 40° opening lamp



Ref.	Controller	€
3080	Controller MR16 LED RGB lamp	6,60

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.



Includes 2W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
287L 01 02	White	LED	GU-10	2w	15,72	0.30 0.20
287L 02 02	Black	LED	GU-10	2w	16,53	0.30 0.20
287L 03 02	Gold	LED	GU-10	2w	16,53	0.30 0.20
287L 04 02	Graphite	LED	GU-10	2w	16,53	0.30 0.20
287L 05 02	Chrome	LED	GU-10	2w	16,53	0.30 0.20
287L 52 02	Chrome matt	LED	GU-10	2w	16,53	0.30 0.20

* Supplied in a standard manner with 3000° K lamp lamp

Includes 4W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
287L 01 04	White	LED	GU-10	4w	49,61	0.30 0.20
287L 02 04	Black	LED	GU-10	4w	50,41	0.30 0.20
287L 03 04	Gold	LED	GU-10	4w	50,41	0.30 0.20
287L 04 04	Graphite	LED	GU-10	4w	50,41	0.30 0.20
287L 05 04	Chrome	LED	GU-10	4w	50,41	0.30 0.20
287L 52 04	Chrome matt	LED	GU-10	4w	50,41	0.30 0.20

* Supplied in a standard manner with 3000° K lamp lamp

Includes driver and 5W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
287L 01 05	White	LED	GU5.3	5w	54,86	0.30 0.20
287L 02 05	Black	LED	GU5.3	5w	55,67	0.30 0.20
287L 03 05	Gold	LED	GU5.3	5w	55,67	0.30 0.20
287L 04 05	Graphite	LED	GU5.3	5w	55,67	0.30 0.20
287L 05 05	Chrome	LED	GU5.3	5w	55,67	0.30 0.20
287L 52 05	Chrome matt	LED	GU5.3	5w	55,67	0.30 0.20

* Supplied in a standard manner with 3100° K lamp lamp

Includes driver and MR16 LED RGB lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
287L 01 03	White	LED	GU5.3	3w	61,66	0.30 0.20
287L 02 03	Black	LED	GU5.3	3w	62,46	0.30 0.20
287L 03 03	Gold	LED	GU5.3	3w	62,46	0.30 0.20
287L 04 03	Graphite	LED	GU5.3	3w	62,46	0.30 0.20
287L 05 03	Chrome	LED	GU5.3	3w	62,46	0.30 0.20
287L 52 03	Chrome matt	LED	GU5.3	3w	62,46	0.30 0.20

Includes 7W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
287L 01 07	White	LED	GU-10	7w	117,59	0.30 0.20
287L 02 07	Black	LED	GU-10	7w	118,39	0.30 0.20
287L 03 07	Gold	LED	GU-10	7w	118,39	0.30 0.20
287L 04 07	Graphite	LED	GU-10	7w	118,39	0.30 0.20
287L 05 07	Chrome	LED	GU-10	7w	118,39	0.30 0.20
287L 52 07	Chrome matt	LED	GU-10	7w	118,39	0.30 0.20

* Supplied in a standard manner with 3100° K lamp lamp

Fixed without edge 50mm

Protection degree IP20

- Material:** Steel sheet thermo painted.
- Optics:** Optics incorporated in the lamps.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** It uses halogen lamps and LED lamps, suitable for domestic or commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings. Due to the minimum thickness of the frame (0.03 mm) it can be placed into the same embedding level.
- Colours:** White, black, gold, graphite, chrome and chrome matt.



Includes lampholder

Ref.	Colour	Lamp	L/H	W	€
298 01	White	-	GU5.3	-	2,18
298 02	Black	-	GU5.3	-	3,29
298 03	Gold	-	GU5.3	-	3,29
298 04	Graphite	-	GU5.3	-	3,29
298 05	Chrome	-	GU5.3	-	3,29
298 52	Chrome matt	-	GU5.3	-	3,29

Includes electronic equipment and DICHROIC HALOGEN lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
298 01 50	White	12v50w	GU5.3	50w	10,42	0.30
298 02 50	Black	12v50w	GU5.3	50w	11,53	0.30
298 03 50	Gold	12v50w	GU5.3	50w	11,53	0.30
298 04 50	Graphite	12v50w	GU5.3	50w	11,53	0.30
298 05 50	Chrome	12v50w	GU5.3	50w	11,53	0.30
298 52 50	Chrome matt	12v50w	GU5.3	50w	11,53	0.30

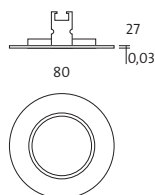
* Supplied in a standard manner with 36° opening lamp

Includes LOW CONSUMPTION lamp 11w GU-10



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
298K 01 11	White	220v11w	GU-10	11w	11,65	0.30 0.20
298K 02 11	Black	220v11w	GU-10	11w	12,77	0.30 0.20
298K 03 11	Gold	220v11w	GU-10	11w	12,77	0.30 0.20
298K 04 11	Graphite	220v11w	GU-10	11w	12,77	0.30 0.20
298K 05 11	Chrome	220v11w	GU-10	11w	12,77	0.30 0.20
298K 52 11	Chrome matt	220v11w	GU-10	11w	12,77	0.30 0.20

* Supplied in a standard manner with 40° opening lamp



Ref.	Colour	Lamp	L/H	W	€
3080	Controller	MR16 LED RGB lamp			6,60

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.

Includes 2W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
298L 01 02	White	LED	GU-10	2w	14,74	0.30 0.20
298L 02 02	Black	LED	GU-10	2w	15,86	0.30 0.20
298L 03 02	Gold	LED	GU-10	2w	15,86	0.30 0.20
298L 04 02	Graphite	LED	GU-10	2w	15,86	0.30 0.20
298L 05 02	Chrome	LED	GU-10	2w	15,86	0.30 0.20
298L 52 02	Chrome matt	LED	GU-10	2w	15,86	0.30 0.20

* Supplied in a standard manner with 3000° K lamp lamp

Includes 4W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
298L 01 04	White	LED	GU-10	4w	49,66	0.30 0.20
298L 02 04	Black	LED	GU-10	4w	49,66	0.30 0.20
298L 03 04	Gold	LED	GU-10	4w	49,66	0.30 0.20
298L 04 04	Graphite	LED	GU-10	4w	49,66	0.30 0.20
298L 05 04	Chrome	LED	GU-10	4w	49,66	0.30 0.20
298L 52 04	Chrome matt	LED	GU-10	4w	49,66	0.30 0.20

* Supplied in a standard manner with 3000° K lamp lamp

Includes driver and 5W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
298L 01 05	White	LED	GU5.3	5w	54,91	0.30 0.20
298L 02 05	Black	LED	GU5.3	5w	55,00	0.30 0.20
298L 03 05	Gold	LED	GU5.3	5w	55,00	0.30 0.20
298L 04 05	Graphite	LED	GU5.3	5w	55,00	0.30 0.20
298L 05 05	Chrome	LED	GU5.3	5w	55,00	0.30 0.20
298L 52 05	Chrome matt	LED	GU5.3	5w	55,00	0.30 0.20

* Supplied in a standard manner with 3100° K lamp lamp

Includes driver and MR16 LED RGB lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
298L 01 03	White	LED	GU5.3	3w	60,79	0.30 0.20
298L 02 03	Black	LED	GU5.3	3w	61,80	0.30 0.20
298L 03 03	Gold	LED	GU5.3	3w	61,80	0.30 0.20
298L 04 03	Graphite	LED	GU5.3	3w	61,80	0.30 0.20
298L 05 03	Chrome	LED	GU5.3	3w	61,80	0.30 0.20
298L 52 03	Chrome matt	LED	GU5.3	3w	61,80	0.30 0.20

Includes 7W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
298L 01 07	White	LED	GU-10	7w	72,73	0.30 0.20
298L 02 07	Black	LED	GU-10	7w	73,85	0.30 0.20
298L 03 07	Gold	LED	GU-10	7w	73,85	0.30 0.20
298L 04 07	Graphite	LED	GU-10	7w	73,85	0.30 0.20
298L 05 07	Chrome	LED	GU-10	7w	73,85	0.30 0.20
298L 52 07	Chrome matt	LED	GU-10	7w	73,85	0.30 0.20

* Supplied in a standard manner with 3100° K lamp lamp

Adjustable 50mm

Protection degree IP20

- Material:** Steel sheet thermo painted.
- Optics:** Optics incorporated in the lamps. Oscillating system.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** It uses halogen lamps and LED lamps, suitable for domestic or commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, black, gold, graphite, chrome and chrome matt.

Includes lampholder

Ref.	Colour	Lamp	L/H	W	€
201 01	White	-	GU5.3	-	3,97
201 02	Black	-	GU5.3	-	5,97
201 03	Gold	-	GU5.3	-	5,97
201 04	Graphite	-	GU5.3	-	5,97
201 05	Chrome	-	GU5.3	-	5,97
201 52	Chrome matt	-	GU5.3	-	5,97

Includes electronic equipment and DICHROIC HALOGEN lamp

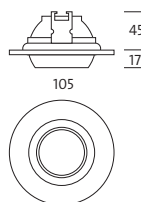
Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
201 01 50	White	12v50w	GU5.3	50w	12,21	0.30 0.20
201 02 50	Black	12v50w	GU5.3	50w	14,27	0.30 0.20
201 03 50	Gold	12v50w	GU5.3	50w	14,27	0.30 0.20
201 04 50	Graphite	12v50w	GU5.3	50w	14,27	0.30 0.20
201 05 50	Chrome	12v50w	GU5.3	50w	14,27	0.30 0.20
201 52 50	Chrome matt	12v50w	GU5.3	50w	14,27	0.30 0.20

* Supplied in a standard manner with 36° opening lamp

Includes LOW CONSUMPTION lamp 11w GU-10

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
201K 01 11	White	220v11w	GU-10	11w	11,65	0.30 0.20
201K 02 11	Black	220v11w	GU-10	11w	12,77	0.30 0.20
201K 03 11	Gold	220v11w	GU-10	11w	12,77	0.30 0.20
201K 04 11	Graphite	220v11w	GU-10	11w	12,77	0.30 0.20
201K 05 11	Chrome	220v11w	GU-10	11w	12,77	0.30 0.20
201K 52 11	Chrome matt	220v11w	GU-10	11w	12,77	0.30 0.20

* Supplied in a standard manner with 40° opening lamp



Ref.	Controller MR16 LED RGB lamp	€
3080		6,60

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.



Includes 2W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
201L 01 02	White	LED	GU-10	2w	14,74	0.30 0.20
201L 02 02	Black	LED	GU-10	2w	15,86	0.30 0.20
201L 03 02	Gold	LED	GU-10	2w	15,86	0.30 0.20
201L 04 02	Graphite	LED	GU-10	2w	15,86	0.30 0.20
201L 05 02	Chrome	LED	GU-10	2w	15,86	0.30 0.20
201L 52 02	Chrome matt	LED	GU-10	2w	15,86	0.30 0.20

* Supplied in a standard manner with 3000° K lamp lamp

Includes 4W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
201L 01 04	White	LED	GU-10	4w	49,66	0.30 0.20
201L 02 04	Black	LED	GU-10	4w	49,74	0.30 0.20
201L 03 04	Gold	LED	GU-10	4w	49,74	0.30 0.20
201L 04 04	Graphite	LED	GU-10	4w	49,74	0.30 0.20
201L 05 04	Chrome	LED	GU-10	4w	49,74	0.30 0.20
201L 52 04	Chrome matt	LED	GU-10	4w	49,74	0.30 0.20

* Supplied in a standard manner with 3000° K lamp lamp

Includes driver and 5W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
201L 01 05	White	LED	GU5.3	5w	54,91	0.30 0.20
201L 02 05	Black	LED	GU5.3	5w	55,00	0.30 0.20
201L 03 05	Gold	LED	GU5.3	5w	55,00	0.30 0.20
201L 04 05	Graphite	LED	GU5.3	5w	55,00	0.30 0.20
201L 05 05	Chrome	LED	GU5.3	5w	55,00	0.30 0.20
201L 52 05	Chrome matt	LED	GU5.3	5w	55,00	0.30 0.20

* Supplied in a standard manner with 3100° K lamp lamp

Includes driver and MR16 LED RGB lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
201L 01 03	White	LED	GU5.3	3w	60,79	0.30 0.20
201L 02 03	Black	LED	GU5.3	3w	61,80	0.30 0.20
201L 03 03	Gold	LED	GU5.3	3w	61,80	0.30 0.20
201L 04 03	Graphite	LED	GU5.3	3w	61,80	0.30 0.20
201L 05 03	Chrome	LED	GU5.3	3w	61,80	0.30 0.20
201L 52 03	Chrome matt	LED	GU5.3	3w	61,80	0.30 0.20

Includes 7W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
201L 01 07	White	LED	GU-10	7w	72,73	0.30 0.20
201L 02 07	Black	LED	GU-10	7w	73,85	0.30 0.20
201L 03 07	Gold	LED	GU-10	7w	73,85	0.30 0.20
201L 04 07	Graphite	LED	GU-10	7w	73,85	0.30 0.20
201L 05 07	Chrome	LED	GU-10	7w	73,85	0.30 0.20
201L 52 07	Chrome matt	LED	GU-10	7w	73,85	0.30 0.20

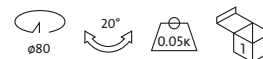
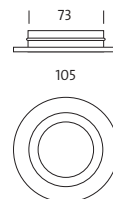
* Supplied in a standard manner with 3100° K lamp lamp



Oscilating 50mm

Protection degree IP20

- Material:** Steel sheet thermo painted.
- Optics:** Optics incorporated in the lamps. Oscillating system.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** It uses halogen lamps and LED lamps, suitable for domestic or commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, black, gold, graphite, chrome and chrome matt.



Includes lampholder

Ref.	Colour	Lamp	L/H	W	€
207 01	White	-	GU5.3	-	4,38
207 02	Black	-	GU5.3	-	6,41
207 03	Gold	-	GU5.3	-	6,41
207 04	Graphite	-	GU5.3	-	6,41
207 05	Chrome	-	GU5.3	-	6,41
207 52	Chrome matt	-	GU5.3	-	6,41

Includes 2W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
207L 01 02	White	LED	GU-10	2w	16,95	0.30 0.20
207L 02 02	Black	LED	GU-10	2w	18,98	0.30 0.20
207L 03 02	Gold	LED	GU-10	2w	18,98	0.30 0.20
207L 04 02	Graphite	LED	GU-10	2w	18,98	0.30 0.20
207L 05 02	Chrome	LED	GU-10	2w	18,98	0.30 0.20
207L 52 02	Chrome matt	LED	GU-10	2w	18,98	0.30 0.20

* Supplied in a standard manner with 3000° K lamp lamp

Includes electronic equipment and DICHROIC HALOGEN lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
207 01 50	White	12v50w	GU5.3	50w	12,62	0.30
207 02 50	Black	12v50w	GU5.3	50w	14,65	0.30
207 03 50	Gold	12v50w	GU5.3	50w	14,65	0.30
207 04 50	Graphite	12v50w	GU5.3	50w	14,65	0.30
207 05 50	Chrome	12v50w	GU5.3	50w	14,65	0.30
207 52 50	Chrome matt	12v50w	GU5.3	50w	14,65	0.30

* Supplied in a standard manner with 36° opening lamp

Includes 4W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
207L 01 04	White	LED	GU-10	4w	50,84	0.30 0.20
207L 02 04	Black	LED	GU-10	4w	52,86	0.30 0.20
207L 03 04	Gold	LED	GU-10	4w	52,86	0.30 0.20
207L 04 04	Graphite	LED	GU-10	4w	52,86	0.30 0.20
207L 05 04	Chrome	LED	GU-10	4w	52,86	0.30 0.20
207L 52 04	Chrome matt	LED	GU-10	4w	52,86	0.30 0.20

* Supplied in a standard manner with 3000° K lamp lamp

Includes LOW CONSUMPTION lamp 11w GU-10



Ref.	Colour	Lamp	L/H	W	€	lum.	RAEE lamp.
207K 01 11	White	220v11w	GU-10	11w	13,86	0.30	0.20
207K 02 11	Black	220v11w	GU-10	11w	15,89	0.30	0.20
207K 03 11	Gold	220v11w	GU-10	11w	15,89	0.30	0.20
207K 04 11	Graphite	220v11w	GU-10	11w	15,89	0.30	0.20
207K 05 11	Chrome	220v11w	GU-10	11w	15,89	0.30	0.20
207K 52 11	Chrome matt	220v11w	GU-10	11w	15,89	0.30	0.20

* Supplied in a standard manner with 40° opening lamp

Includes driver and 5W LED lamp



Ref.	Colour	Lamp	L/H	W	€	lum.	RAEE lamp.
207L 01 05	White	LED	GU5.3	5w	56,09	0.30	0.20
207L 02 05	Black	LED	GU5.3	5w	58,12	0.30	0.20
207L 03 05	Gold	LED	GU5.3	5w	58,12	0.30	0.20
207L 04 05	Graphite	LED	GU5.3	5w	58,12	0.30	0.20
207L 05 05	Chrome	LED	GU5.3	5w	58,12	0.30	0.20
207L 52 05	Chrome matt	LED	GU5.3	5w	58,12	0.30	0.20

* Supplied in a standard manner with 3100° K lamp lamp

Includes 7W LED lamp



Ref.	Colour	Lamp	L/H	W	€	lum.	RAEE lamp.
207L 01 07	White	LED	GU-10	7w	74,83	0.30	0.20
207L 02 07	Black	LED	GU-10	7w	76,97	0.30	0.20
207L 03 07	Gold	LED	GU-10	7w	76,97	0.30	0.20
207L 04 07	Graphite	LED	GU-10	7w	76,97	0.30	0.20
207L 05 07	Chrome	LED	GU-10	7w	76,97	0.30	0.20
207L 52 07	Chrome matt	LED	GU-10	7w	76,97	0.30	0.20

* Supplied in a standard manner with 3100° K lamp lamp

Includes driver and MR16 LED RGB lamp



Ref.	Colour	Lamp	L/H	W	€	lum.	RAEE lamp.
207L 01 03	White	LED	GU5.3	3w	65,89	0.30	0.20
207L 02 03	Black	LED	GU5.3	3w	64,92	0.30	0.20
207L 03 03	Gold	LED	GU5.3	3w	64,92	0.30	0.20
207L 04 03	Graphite	LED	GU5.3	3w	64,92	0.30	0.20
207L 05 03	Chrome	LED	GU5.3	3w	64,92	0.30	0.20
207L 52 03	Chrome matt	LED	GU5.3	3w	64,92	0.30	0.20



Rough price increase of accesories

Ref.	Controller	€
3080	Controller MR16 LED RGB lamp	6,60

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.

Fixed circular 50mm

Protection degree IP20

- Material:** Steel sheet thermo painted.
- Optics:** Optics incorporated in the lamps.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** It uses halogen lamps and LED lamps, suitable for domestic or commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, black, gold, graphite, chrome and chrome matt.

Includes lampholder

Ref.	Colour	Lamp	L/H	W	€
202 01	White	-	GU5.3	-	1,81
202 02	Black	-	GU5.3	-	2,55
202 03	Gold	-	GU5.3	-	2,55
202 04	Graphite	-	GU5.3	-	2,55
202 05	Chrome	-	GU5.3	-	2,55
202 52	Chrome matt	-	GU5.3	-	2,55

Includes electronic equipment and DICHROIC HALOGEN lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
202 01 50	White	12v50w	GU5.3	50w	10,05	0.30
202 02 50	Black	12v50w	GU5.3	50w	10,79	0.30
202 03 50	Gold	12v50w	GU5.3	50w	10,79	0.30
202 04 50	Graphite	12v50w	GU5.3	50w	10,79	0.30
202 05 50	Chrome	12v50w	GU5.3	50w	10,79	0.30
202 52 50	Chrome matt	12v50w	GU5.3	50w	10,79	0.30

* Supplied in a standard manner with 36° opening lamp

Includes LOW CONSUMPTION lamp 11w GU-10



Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp.
202K 01 11	White	220v11w	GU-10	11w	11,01	0.30 0.20
202K 02 11	Black	220v11w	GU-10	11w	12,03	0.30 0.20
202K 03 11	Gold	220v11w	GU-10	11w	12,03	0.30 0.20
202K 04 11	Graphite	220v11w	GU-10	11w	12,03	0.30 0.20
202K 05 11	Chrome	220v11w	GU-10	11w	12,03	0.30 0.20
202K 52 11	Chrome matt	220v11w	GU-10	11w	12,03	0.30 0.20

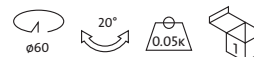
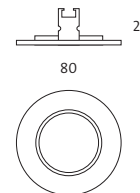
* Supplied in a standard manner with 40° opening lamp



Rough price increase of accesories

Ref.	Controller	€
3080	Controller MR16 LED RGB lamp	6,60

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.



Includes 2W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
202L 01 02	White	LED GU-10	2w	14,37	0.30 0.20	
202L 02 02	Black	LED GU-10	2w	15,15	0.30 0.20	
202L 03 02	Gold	LED GU-10	2w	15,12	0.30 0.20	
202L 04 02	Graphite	LED GU-10	2w	15,12	0.30 0.20	
202L 05 02	Chrome	LED GU-10	2w	15,12	0.30 0.20	
202L 52 02	Chrome matt	LED GU-10	2w	15,12	0.30 0.20	

* Supplied in a standard manner with 3000° K lamp lamp

Includes 4W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
202L 01 04	White	LED GU-10	4w	48,26	0.30 0.20	
202L 02 04	Black	LED GU-10	4w	49,00	0.30 0.20	
202L 03 04	Gold	LED GU-10	4w	49,00	0.30 0.20	
202L 04 04	Graphite	LED GU-10	4w	49,00	0.30 0.20	
202L 05 04	Chrome	LED GU-10	4w	49,00	0.30 0.20	
202L 52 04	Chrome matt	LED GU-10	4w	49,00	0.30 0.20	

* Supplied in a standard manner with 3000° K lamp lamp

Includes driver and 5W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
207L 01 05	White	LED GU5.3	5w	53,51	0.30 0.20	
207L 02 05	Black	LED GU5.3	5w	54,26	0.30 0.20	
207L 03 05	Gold	LED GU5.3	5w	54,26	0.30 0.20	
207L 04 05	Graphite	LED GU5.3	5w	54,26	0.30 0.20	
207L 05 05	Chrome	LED GU5.3	5w	54,26	0.30 0.20	
207L 52 05	Chrome matt	LED GU5.3	5w	54,26	0.30 0.20	

* Supplied in a standard manner with 3100° K lamp lamp

Includes 7W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
207L 01 07	White	LED GU-10	7w	72,36	0.30 0.20	
207L 02 07	Black	LED GU-10	7w	73,10	0.30 0.20	
207L 03 07	Gold	LED GU-10	7w	73,10	0.30 0.20	
207L 04 07	Graphite	LED GU-10	7w	73,10	0.30 0.20	
207L 05 07	Chrome	LED GU-10	7w	73,10	0.30 0.20	
207L 52 07	Chrome matt	LED GU-10	7w	73,10	0.30 0.20	

* Supplied in a standard manner with 3100° K lamp lamp

Includes driver and MR16 LED RGB lamp

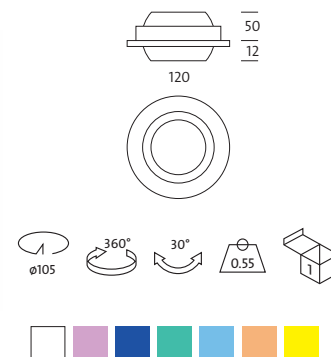


Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
207L 01 03	White	LED GU5.3	3w	60,31	0.30 0.20	
207L 02 03	Black	LED GU5.3	3w	61,05	0.30 0.20	
207L 03 03	Gold	LED GU5.3	3w	61,05	0.30 0.20	
207L 04 03	Graphite	LED GU5.3	3w	61,05	0.30 0.20	
207L 05 03	Chrome	LED GU5.3	3w	61,05	0.30 0.20	
207L 52 03	Chrome matt	LED GU5.3	3w	61,05	0.30 0.20	

Adjustable glass

Protection degree IP20

- Material:** Natural or colored matt glass.
- Optics:** Optics incorporated in the lamps, adjustable system.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** It uses halogen lamps 50w and LED lamps, suitable for domestic or commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** Matt white, pink, blue, green, light blue, marble and yellow.



Includes lampholder

Ref.	Colour	Lamp	L/H	W	€
215 06	White matt	-	GU5.3	-	17,70
215 07	Pink	-	GU5.3	-	19,87
215 08	Blue	-	GU5.3	-	19,87
215 09	Green	-	GU5.3	-	24,34
215 10	Light blue	-	GU5.3	-	24,34
215 11	Marble	-	GU5.3	-	24,34
215 12	Yellow	-	GU5.3	-	24,34

Includes 2W LED lamp



Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp.
215L 06 02	White matt	LED	GU-10	2w	30,27	0.30 0.20
215L 07 02	Pink	LED	GU-10	2w	32,44	0.30 0.20
215L 08 02	Blue	LED	GU-10	2w	32,44	0.30 0.20
215L 09 02	Green	LED	GU-10	2w	36,91	0.30 0.20
215L 10 02	Light blue	LED	GU-10	2w	36,91	0.30 0.20
215L 11 02	Marble	LED	GU-10	2w	36,91	0.30 0.20
215L 12 02	Yellow	LED	GU-10	2w	36,91	0.30 0.20

* Supplied in a standard manner with 3000° K lamp lamp

Includes electronic equipment and DICHROIC HALOGEN lamp



Ref.	Colour	Lamp.	L/H	W	€	RAEE lum.
215 06 50	White matt	12v50w	GU5.3	50w	24,81	0.30
215 07 50	Pink	12v50w	GU5.3	50w	26,98	0.30
215 08 50	Blue	12v50w	GU5.3	50w	26,98	0.30
215 09 50	Green	12v50w	GU5.3	50w	31,45	0.30
215 10 50	Light blue	12v50w	GU5.3	50w	31,45	0.30
215 11 50	Marble	12v50w	GU5.3	50w	31,45	0.30
215 12 50	Yellow	12v50w	GU5.3	50w	31,45	0.30

* Supplied in a standard manner with 36° opening lamp

Includes driver and 5W LED lamp



Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp.
215L 06 05	White matt	LED	GU5.3	5w	69,41	0.30 0.20
215L 07 05	Pink	LED	GU5.3	5w	71,58	0.30 0.20
215L 08 05	Blue	LED	GU5.3	5w	71,58	0.30 0.20
215L 09 05	Green	LED	GU5.3	5w	76,05	0.30 0.20
215L 10 05	Light blue	LED	GU5.3	5w	76,05	0.30 0.20
215L 11 05	Marble	LED	GU5.3	5w	76,05	0.30 0.20
215L 12 05	Yellow	LED	GU5.3	5w	76,05	0.30 0.20

* Supplied in a standard manner with 3100° K lamp lamp



Rough price increase of accesories

Ref.	€
3080 Controller MR16 LED RGB lamp	6,60

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.

Includes driver and MR16 LED RGB lamp



Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp.
215L 06 03	White matt	LED	GU5.3	3w	69,10	0.30 0.20
215L 07 03	Pink	LED	GU5.3	3w	71,27	0.30 0.20
215L 08 03	Blue	LED	GU5.3	3w	71,27	0.30 0.20
215L 09 03	Green	LED	GU5.3	3w	75,74	0.30 0.20
215L 10 03	Light blue	LED	GU5.3	3w	75,74	0.30 0.20
215L 11 03	Marble	LED	GU5.3	3w	75,74	0.30 0.20
215L 12 03	Yellow	LED	GU5.3	3w	75,74	0.30 0.20

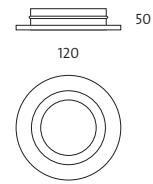


Adjustable glass / Oscillating glass

Oscillating glass

Protection degree IP20

- Material:** Natural or colored matt glass.
- Optics:** Optics incorporated in the lamps. Oscillating system.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** It uses halogen lamps 50w and LED lamps, suitable for domestic or commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** Matt white, pink, blue, green, light blue, marble and yellow.



Includes 2W LED lamp



Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp.
217L 06 02	White matt	LED	GU-10	2w	31,39	0.30 0.20
217L 07 02	Pink	LED	GU-10	2w	32,97	0.30 0.20
217L 08 02	Blue	LED	GU-10	2w	32,97	0.30 0.20
217L 09 02	Green	LED	GU-10	2w	36,40	0.30 0.20
217L 11 02	Marble	LED	GU-10	2w	36,40	0.30 0.20

* Supplied in a standard manner with 3000° K lamp

Includes lampholder

Ref.	Colour	Lamp	L/H	W	€
217 06	White matt	-	GU5.3	-	18,82
217 07	Pink	-	GU5.3	-	20,40
217 08	Blue	-	GU5.3	-	20,40
217 09	Green	-	GU5.3	-	23,83
217 11	Marble	-	GU5.3	-	23,83

Includes 4W LED lamp



Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp.
217L 06 04	White matt	LED	GU-10	4w	65,28	0.30 0.20
217L 07 04	Pink	LED	GU-10	4w	66,85	0.30 0.20
217L 08 04	Blue	LED	GU-10	4w	66,85	0.30 0.20
217L 09 04	Green	LED	GU-10	4w	66,85	0.30 0.20
217L 11 04	Marble	LED	GU-10	4w	66,85	0.30 0.20

* Supplied in a standard manner with 3000° K lamp

Includes electronic equipment and DICHROIC HALOGEN lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
217 06 50	White matt	12v50w	GU5.3	50w	25,93	0.30
217 07 50	Pink	12v50w	GU5.3	50w	27,51	0.30
217 08 50	Blue	12v50w	GU5.3	50w	27,51	0.30
217 09 50	Green	12v50w	GU5.3	50w	30,94	0.30
217 11 50	Marble	12v50w	GU5.3	50w	30,94	0.30

* Supplied in a standard manner with 36° opening lamp

Includes driver and 5W LED lamp



Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp.
217L 06 05	White matt	LED	GU5.3	5w	70,53	0.30 0.20
217L 07 05	Pink	LED	GU5.3	5w	72,11	0.30 0.20
217L 08 05	Blue	LED	GU5.3	5w	72,11	0.30 0.20
217L 09 05	Green	LED	GU5.3	5w	75,54	0.30 0.20
217L 11 05	Marble	LED	GU5.3	5w	75,54	0.30 0.20

* Supplied in a standard manner with 3100° K lamp

Includes driver and MR16 LED RGB lamp



Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp.
217L 06 03	White matt	LED	GU5.3	3w	77,33	0.30 0.20
217L 07 03	Pink	LED	GU5.3	3w	78,90	0.30 0.20
217L 08 03	Blue	LED	GU5.3	3w	78,90	0.30 0.20
217L 09 03	Green	LED	GU5.3	3w	82,33	0.30 0.20
217L 11 03	Marble	LED	GU5.3	3w	82,33	0.30 0.20



Rough price increase of accesories

Ref.	Controller	€
3080	Controller MR16 LED RGB lamp	6,60

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.



Fixed glass

Fixed glass

Protection degree IP20

- Material:** Natural or colored matt glass.
- Optics:** Optics incorporated in the lamps.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** It uses halogen lamps 50w and LED lamps, suitable for domestic or commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** Matt white, pink, blue, green, light blue, marble and yellow.



Includes lampholder

Ref.	Colour	Lamp	L/H	W	€V
216 06	White matt	-	GU5.3	-	10,15
216 07	Pink	-	GU5.3	-	11,11
216 08	Blue	-	GU5.3	-	11,11
216 09	Green	-	GU5.3	-	12,80
216 10	Light blue	-	GU5.3	-	12,80
216 11	Marble	-	GU5.3	-	12,80
216 12	Yellow	-	GU5.3	-	12,80

Includes electronic equipment and DICHROIC HALOGEN lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
216 06 50	White matt	12v50w	GU5.3	50w	17,26	0.30
216 07 50	Pink	12v50w	GU5.3	50w	18,22	0.30
216 08 50	Blue	12v50w	GU5.3	50w	18,22	0.30
216 09 50	Green	12v50w	GU5.3	50w	19,90	0.30
216 10 50	Light blue	12v50w	GU5.3	50w	19,90	0.30
216 11 50	Marble	12v50w	GU5.3	50w	19,90	0.30
216 12 50	Yellow	12v50w	GU5.3	50w	19,90	0.30

* Supplied in a standard manner with 36° opening lamp

Includes 2W LED lamp



Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp.
217L 06 02	White matt	LED	GU-10	2w	22,72	0.30 0.20
217L 07 02	Pink	LED	GU-10	2w	23,67	0.30 0.20
217L 08 02	Blue	LED	GU-10	2w	23,67	0.30 0.20
217L 09 02	Green	LED	GU-10	2w	25,36	0.30 0.20
217L 10 02	Light blue	LED	GU-10	2w	25,36	0.30 0.20
217L 11 02	Marble	LED	GU-10	2w	25,36	0.30 0.20
217L 12 02	Yellow	LED	GU-10	2w	25,36	0.30 0.20

* Supplied in a standard manner with 3000° K lamp lamp

Includes driver and 5W LED lamp



Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp.
217L 06 05	White matt	LED	GU5.3	5w	57,32	0.30 0.20
217L 07 05	Pink	LED	GU5.3	5w	58,28	0.30 0.20
217L 08 05	Blue	LED	GU5.3	5w	58,28	0.30 0.20
217L 09 05	Green	LED	GU5.3	5w	59,97	0.30 0.20
217L 10 05	Light blue	LED	GU5.3	5w	59,97	0.30 0.20
217L 11 05	Marble	LED	GU5.3	5w	59,97	0.30 0.20
217L 12 05	Yellow	LED	GU5.3	5w	59,97	0.30 0.20

* Supplied in a standard manner with 3100° K lamp lamp

Includes driver and MR16 LED RGB lamp



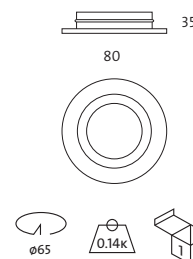
Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp.
217L 06 03	White matt	LED	GU5.3	3w	68,65	0.30 0.20
217L 07 03	Pink	LED	GU5.3	3w	69,61	0.30 0.20
217L 08 03	Blue	LED	GU5.3	3w	69,61	0.30 0.20
217L 09 03	Green	LED	GU5.3	3w	71,30	0.30 0.20
217L 10 03	Light blue	LED	GU5.3	3w	71,30	0.30 0.20
217L 11 03	Marble	LED	GU5.3	3w	71,30	0.30 0.20
217L 12 03	Yellow	LED	GU5.3	3w	71,30	0.30 0.20



Rough price increase of accessories

Ref. 3080	Controller MR16 LED RGB lamp	€ 6,60
-----------	------------------------------	--------

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.

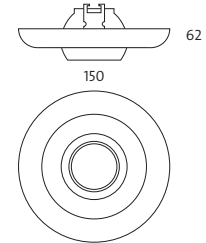




Adjustable wood 12v/50w

Protection degree IP20

- Material:** Natural woods with different finishes and chrome steel sheet. Optics incorporated in the lamps. Adjustable system.
- Optics:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Supply:** It uses halogen lamps 50w and LED lamps, suitable for domestic or commercial use.
- Lamps:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Installation:** Cherry, oak, walnut, natural, yellow poplar and wengé.
- Colours:**



Includes lampholder

Ref.	Colour	Lamp	L/H	W	€
288 91	Cherry	-	GU5.3	-	14,93
288 92	Oak	-	GU5.3	-	14,93
288 93	Walnut	-	GU5.3	-	14,93
288 94	Natural	-	GU5.3	-	14,93
288 95	Yellow poplar	-	GU5.3	-	14,93
288 96	Wengé	-	GU5.3	-	14,93

Includes electronic equipment and DICHROIC HALOGEN lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
288 91 50	Cherry	12v50w	GU5.3	50w	22,04	0.30
288 92 50	Oak	12v50w	GU5.3	50w	22,04	0.30
288 93 50	Walnut	12v50w	GU5.3	50w	22,04	0.30
288 94 50	Natural	12v50w	GU5.3	50w	22,04	0.30
288 95 50	Yellow poplar	12v50w	GU5.3	50w	22,04	0.30
288 96 50	Wengé	12v50w	GU5.3	50w	22,04	0.30

* Supplied in a standard manner with 36° opening lamp

Includes LOW CONSUMPTION lamp 11w GU-10



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
288K 91 11	Cherry	220v11w	GU-10	11w	24,41	0.30 0.20
288K 92 11	Oak	220v11w	GU-10	11w	24,41	0.30 0.20
288K 93 11	Walnut	220v11w	GU-10	11w	24,41	0.30 0.20
288K 94 11	Natural	220v11w	GU-10	11w	24,41	0.30 0.20
288K 95 11	Yellow poplar	220v11w	GU-10	11w	24,41	0.30 0.20
288K 96 11	Wengé	220v11w	GU-10	11w	24,41	0.30 0.20

* Supplied in a standard manner with 40° opening lamp

Includes 2W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
288L 91 02	Cherry	LED	GU-10	2w	27,29	0.30 0.20
288L 92 02	Oak	LED	GU-10	2w	27,29	0.30 0.20
288L 93 02	Walnut	LED	GU-10	2w	27,29	0.30 0.20
288L 94 02	Natural	LED	GU-10	2w	27,29	0.30 0.20
288L 95 02	Yellow poplar	LED	GU-10	2w	27,26	0.30 0.20
288L 96 02	Wengé	LED	GU-10	2w	27,29	0.30 0.20

* Supplied in a standard manner with 3000° K lamp lamp

Includes 4W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
288L 91 04	Cherry	LED	GU-10	4w	61,38	0.30 0.20
288L 92 04	Oak	LED	GU-10	4w	61,38	0.30 0.20
288L 93 04	Walnut	LED	GU-10	4w	61,38	0.30 0.20
288L 94 04	Natural	LED	GU-10	4w	61,38	0.30 0.20
288L 95 04	Yellow poplar	LED	GU-10	4w	61,38	0.30 0.20
288L 96 04	Wengé	LED	GU-10	4w	61,38	0.30 0.20

* Supplied in a standard manner with 3000° K lamp lamp

Includes driver and 5W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
288L 91 05	Cherry	LED	GU5.3	5w	66,64	0.30 0.20
288L 92 05	Oak	LED	GU5.3	5w	64,64	0.30 0.20
288L 93 05	Walnut	LED	GU5.3	5w	64,64	0.30 0.20
288L 94 05	Natural	LED	GU5.3	5w	64,64	0.30 0.20
288L 95 05	Yellow poplar	LED	GU5.3	5w	64,64	0.30 0.20
288L 96 05	Wengé	LED	GU5.3	5w	64,64	0.30 0.20

* Supplied in a standard manner with 3100° K °

Includes 7W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
288L 91 07	Cherry	LED	GU-10	7w	85,49	0.30 0.20
288L 92 07	Oak	LED	GU-10	7w	85,49	0.30 0.20
288L 93 07	Walnut	LED	GU-10	7w	85,49	0.30 0.20
288L 94 07	Natural	LED	GU-10	7w	85,49	0.30 0.20
288L 95 07	Yellow poplar	LED	GU-10	7w	85,49	0.30 0.20
288L 96 07	Wengé	LED	GU-10	7w	85,49	0.30 0.20

* Supplied in a standard manner with 3100° K lamp lamp

Includes driver and MR16 LED RGB lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
288L 91 03	Cherry	LED	GU5.3	3w	73,43	0.30 0.20
288L 92 03	Oak	LED	GU5.3	3w	73,43	0.30 0.20
288L 93 03	Walnut	LED	GU5.3	3w	73,43	0.30 0.20
288L 94 03	Natural	LED	GU5.3	3w	73,43	0.30 0.20
288L 95 03	Yellow poplar	LED	GU5.3	3w	73,43	0.30 0.20
288L 96 03	Wengé	LED	GU5.3	3w	73,43	0.30 0.20



Rough price increase of accessories

Ref.	€
3080 Controller MR16 LED RGB lamp	6,60

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.





Adjustable ø35mm

Protection degree IP20

- Material:** Steel sheet thermo painted.
- Optics:** Optics incorporated in the lamps. Adjustable system.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** It uses small halogen lamps of 35w ø35mm, suitable for domestic or commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, black, gold, graphite, chrome and chrome matt.

Includes lampholder

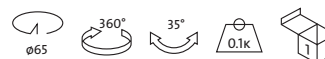
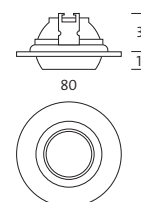
Ref.	Colour	Lamp	L/H	W	€
205 01	White	-	GU5.3	-	4,33
205 02	Black	-	GU5.3	-	6,34
205 03	Gold	-	GU5.3	-	6,34
205 04	Graphite	-	GU5.3	-	6,34
205 05	Chrome	-	GU5.3	-	6,34
205 52	Chrome matt	-	GU5.3	-	6,34

Includes electronic equipment and lamp HAL. dich. 35w



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
205 01 35	White	12v50w	GU5.3	35w	11,75	0.30
205 02 35	Black	12v50w	GU5.3	35w	13,76	0.30
205 03 35	Gold	12v50w	GU5.3	35w	13,76	0.30
205 04 35	Graphite	12v50w	GU5.3	35w	13,76	0.30
205 05 35	Chrome	12v50w	GU5.3	35w	13,76	0.30
205 52 35	Chrome matt	12v50w	GU5.3	35w	13,76	0.30

* Supplied in a standard manner with 36° opening lamp



Fixed ø35mm

Protection degree IP20

- Material:** Steel sheet thermo painted.
- Optics:** Optics incorporated in the lamps.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** It uses small halogen lamp of 35w ø35mm, suitable for domestic or commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, black, gold, graphite, chrome and chrome matt.

Includes lampholder

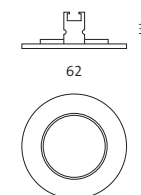
Ref.	Colour	Lamp	L/H	W	€
206 01	White	-	GU5.3	-	2,25
206 02	Black	-	GU5.3	-	2,91
206 03	Gold	-	GU5.3	-	2,91
206 04	Graphite	-	GU5.3	-	2,91
206 05	Chrome	-	GU5.3	-	2,91
206 52	Chrome matt	-	GU5.3	-	2,91

Includes electronic equipment and lamp HAL. dich. 35w



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
206 01 35	White	12v50w	GU5.3	35w	9,67	0.30
206 02 35	Black	12v50w	GU5.3	35w	10,33	0.30
206 03 35	Gold	12v50w	GU5.3	35w	10,33	0.30
206 04 35	Graphite	12v50w	GU5.3	35w	10,33	0.30
206 05 35	Chrome	12v50w	GU5.3	35w	10,33	0.30
206 52 35	Chrome matt	12v50w	GU5.3	35w	10,33	0.30

* Supplied in a standard manner with 36° opening lamp





Kan

Protection degree IP20

- Material:** Steel sheet and aluminium thermo painted.
- Optics:** Optics incorporated in the lamps. Due to the high-performance aluminium reflector, the light is intensified.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** It uses halogen lamps and LED lamps, suitable for domestic or commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, cromo, chrome matt and titanium
By request: 02 black, 33 gold matt, 55 nickel, 57 nickel matt.

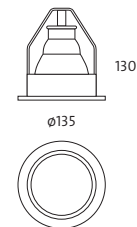


Includes electronic equipment and DICHROIC HALOGEN lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
230 01 50	White	12v50w	GU5.3	50w	27,19	0.30
230 05 50	Chrome	12v50w	GU5.3	50w	33,66	0.30
230 52 50	Chrome matt	12v50w	GU5.3	50w	33,66	0.30
230 90 50	Titanium	12v50w	GU5.3	50w	33,66	0.30

* Supplied in a standard manner with 36° opening lamp



Includes 2W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
230L 01 02	White	LED	GU-10	2w	32,65	0.30	0.20
230L 02 02	Black	LED	GU-10	2w	39,11	0.30	0.20
230L 52 02	Chrome matt	LED	GU-10	2w	39,11	0.30	0.20
230L 90 02	Titanium	LED	GU-10	2w	39,11	0.30	0.20

* Supplied in a standard manner with 3000° K lamp lamp



Includes 4W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
230L 01 04	White	LED	GU-10	4w	66,53	0.30	0.20
230L 02 04	Black	LED	GU-10	4w	72,94	0.30	0.20
230L 52 04	Chrome matt	LED	GU-10	4w	72,94	0.30	0.20
230L 90 04	Titanium	LED	GU-10	4w	72,94	0.30	0.20

* Supplied in a standard manner with 3000° K lamp lamp

Includes driver and 5W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
230L 01 05	White	LED	GU5.3	5w	71,79	0.30	0.20
230L 02 05	Black	LED	GU5.3	5w	78,17	0.30	0.20
230L 52 05	Chrome matt	LED	GU5.3	5w	78,17	0.30	0.20
230L 90 05	Titanium	LED	GU5.3	5w	78,17	0.30	0.20

* Supplied in a standard manner with 3100° K lamp lamp

Includes 7W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
230L 01 07	White	LED	GU-10	7w	96,20	0.30	0.20
230L 02 07	Black	LED	GU-10	7w	102,67	0.30	0.20
230L 52 07	Chrome matt	LED	GU-10	7w	102,67	0.30	0.20
230L 90 07	Titanium	LED	GU-10	7w	102,67	0.30	0.20

* Supplied in a standard manner with 3100° K lamp lamp

Includes lamp LED 7,2W



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
230L 01 08	White	LED	-	7,2w	88,10	0.30	0.20
230L 02 08	Black	LED	-	7,2w	94,50	0.30	0.20
230L 52 08	Chrome matt	LED	-	7,2w	94,50	0.30	0.20
230L 90 08	Titanium	LED	-	7,2w	94,50	0.30	0.20

* Supplied in a standard manner with 3100° K lamp lamp

Includes driver and MR16 LED RGB lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
230L 01 03	White	LED	GU5.3	3w	68,28	0.30	0.20
230L 02 03	Black	LED	GU5.3	3w	85,05	0.30	0.20
230L 52 03	Chrome matt	LED	GU5.3	3w	85,05	0.30	0.20
230L 90 03	Titanium	LED	GU5.3	3w	85,05	0.30	0.20



Rough price increase of accessories

Ref.	Controller	MR16 LED RGB lamp	€
Ref. 3080	Controller	MR16 LED RGB lamp	6,60

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.



Miniducto Halogen Direct 220v

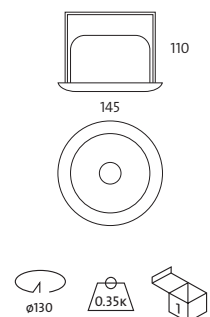
Protection degree IP20

- Material:** Steel sheet thermo painted.
- Optics:** Aluminum reflector and protection glass.
- Supply:** Directly connected to the 220v main.
- Lamps:** It uses halogen G-9 lamps of 25, 40, 60, and 75w.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, cromo, chrome matt and titanium
By request: 02 black, 03 gold, 55 nickel, 57 nickel matt.



Includes protection glass and halogen G-9 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
299 01 25	White	Bipin220v	G-9	25w	32,96	0.30
299 05 25	Chrome	Bipin220v	G-9	25w	37,28	0.30
299 52 25	Chrome matt	Bipin220v	G-9	25w	37,28	0.30
299 90 25	Titanium	Bipin220v	G-9	25w	37,28	0.30
299 01 40	White	Bipin220v	G-9	40w	32,96	0.30
299 05 40	Chrome	Bipin220v	G-9	40w	37,28	0.30
299 52 40	Chrome matt	Bipin220v	G-9	40w	37,28	0.30
299 90 40	Titanium	Bipin220v	G-9	40w	37,28	0.30
299 01 60	White	Bipin220v	G-9	60w	32,96	0.30
299 05 60	Chrome	Bipin220v	G-9	60w	37,28	0.30
299 52 60	Chrome matt	Bipin220v	G-9	60w	37,28	0.30
299 90 60	Titanium	Bipin220v	G-9	60w	37,28	0.30
299 01 75	White	Bipin220v	G-9	75w	32,96	0.30
299 05 75	Chrome	Bipin220v	G-9	75w	37,28	0.30
299 52 75	Chrome matt	Bipin220v	G-9	75w	37,28	0.30
299 90 75	Titanium	Bipin220v	G-9	75w	37,28	0.30



Adjustable rectangular aluminium

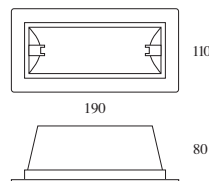
Protection degree IP42

- Material:** Injected aluminium thermo painted.
- Optics:** Matt aluminum reflector and protection glass.
- Supply:** Directly connected to the 220v main.
- Lamps:** It uses lineal halogen lamps of 200w, suitable for commercial or industrial areas.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, black.



Includes lampholder and protection glass.

Ref.	Colour	Lamp	L/H	W	€
501 01	White	-	R7s	-	35,34
501 02	Black	-	R7s	-	37,40



Includes protection glass and lamp halogen lineal 200W

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
501 01 20	White	halog. lineal	R7s	1x200w	38,33	0.30
501 02 20	Black	halog. lineal	R7s	1x200w	40,39	0.30



Includes equipo magnetico, protection glass and HQI lamp

Ref.	Colour	Lamp	L/H	W	€	lum.	RAEE lamp.
501 01 70	White	halog. lineal	RX7s	1x70w	94,54	0.30	0.30
501 02 70	Black	halog. lineal	RX7s	1x70w	96,60	0.30	0.30

* Supplied in a standard manner with 4200° K lamp

OPTIONS

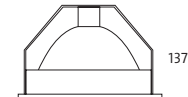
Ref.	Options	€
BE	Electronic ballast 70w	18,75

Kan / Miniducto halog. 220v / Adjustable rectangular

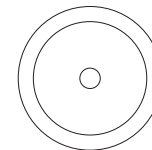
Fixed HQI aluminium

Protection degree IP44

- Material:** Steel sheet thermo painted.
- Optics:** Matt aluminum reflector and protection glass, for an IP43 protection
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included.
- Lamps:** It uses OSRAM POWERSTAR HQI-T 70 / 150w lamps, suitable for commercial or industrial areas.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, black, chrome matt and titanium.
By request: 03 gold, 55 nickel, 57 nickel matt.



ø190



Includes protection glass, electronic equipment and HQI lamp

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp.	
720 01 35	White	HQI	G-12	1x35w	130,50	0.65	0.30
720 02 35	Black	HQI	G-12	1x35w	132,35	0.65	0.30
720 52 35	Chrome matt	HQI	G-12	1x35w	132,35	0.65	0.30
720 90 35	Titanium	HQI	G-12	1x35w	132,35	0.65	0.30
720 01 70	White	HQI	G-12	1x70w	131,53	0.65	0.30
720 02 70	Black	HQI	G-12	1x70w	133,38	0.65	0.30
720 52 70	Chrome matt	HQI	G-12	1x70w	133,38	0.65	0.30
720 90 70	Titanium	HQI	G-12	1x70w	133,38	0.65	0.30
720 01 15	White	HQI	G-12	1x150w	138,43	0.65	0.30
720 02 15	Black	HQI	G-12	1x150w	140,28	0.65	0.30
720 52 15	Chrome matt	HQI	G-12	1x150w	140,28	0.65	0.30
720 90 15	Titanium	HQI	G-12	1x150w	140,28	0.65	0.30

* Supplied in a standard manner with 4200° K lamp

OPTIONS

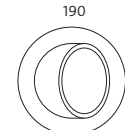
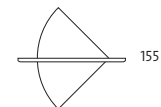
Rough price increase of control gear

Ref. BE	Electronic ballast	70w €	150w €
		18,75	19,80

Adjustable HQI aluminium

Protection degree IP43

- Material:** Steel sheet thermo painted.
- Optics:** Matt aluminum reflector and protection glass, for an IP43 protection
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included.
- Lamps:** It uses OSRAM POWERSTAR HQI-T 70 / 150w lamps, suitable for commercial or industrial areas.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, black, chrome matt and titanium.
By request: 03 gold, 55 nickel, 57 nickel matt.



Includes protection glass, control gear and HQI lamp

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp.	
721 01 70CP	White	HQI-T	G-12	1x70w	181,14	0.65	0.30
721 02 70CP	Black	HQI-T	G-12	1x70w	183,79	0.65	0.30
721 52 70CP	Chrome matt	HQI-T	G-12	1x70w	183,79	0.65	0.30
721 90 70CP	Titanium	HQI-T	G-12	1x70w	183,73	0.65	0.30
721 01 15CP	White	HQI-T	G-12	1x150w	190,47	0.65	0.30
721 02 15CP	Black	HQI-T	G-12	1x150w	193,11	0.65	0.30
721 52 15CP	Chrome matt	HQI-T	G-12	1x150w	193,11	0.65	0.30
721 90 15CP	Titanium	HQI-T	G-12	1x150w	193,11	0.65	0.30

* Supplied in a standard manner with 4200° K lamp

OPTIONS

Rough price increase of control gear

Ref. BE	Electronic ballast	70w €	150w €
		18,75	19,80



Fixed HQI / Adjustable HQI / Emp. lineal / Orien. Sodium

Empotrable lineal

Protection degree IP42

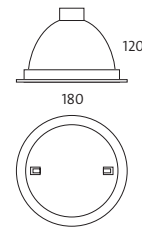
- Material:** Steel sheet thermo painted.
- Optics:** Matt aluminum reflector and protection glass.
- Supply:** Directly connected to the 220v main.
- Lamps:** It uses lineal halogen lamps 200w, suitable for commercial or industrial areas.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, black and gold.
By request: 55 nickel, 57 nickel matt, 90 titanium.

Includes protection glass

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
504 01	White	-	RX7s	-	50,05	0.30
504 02	Black	-	RX7s	-	61,05	0.30
504 03	Gold	-	RX7s	-	61,05	0.30

Includes protection glass and halogen lineal 200W lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
504 01 20	White	halog. lineal	RX7s	200w	52,94	0.30
504 02 20	Black	halog. lineal	RX7s	200w	63,94	0.30
504 03 20	Gold	halog. lineal	RX7s	200w	63,94	0.30



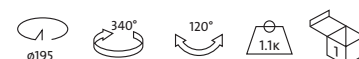
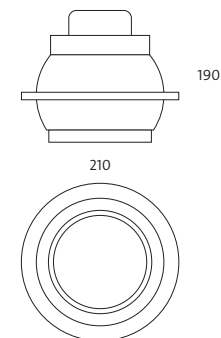
Adjustable sodium white

Protection degree IP43

- Material:** Steel sheet thermo painted.
- Optics:** Aluminum reflector and protection glass, for an IP43 protection
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included.
- Lamps:** It uses white sodium lamps of 35, 50 and 100w, suitable for the food industry due to its excellent chromatic reproduction.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, black, chrome matt and titanium.
By request: 55 nickel, 57 nickel matt

Includes protection glass, control gear and lamp sodium.

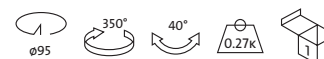
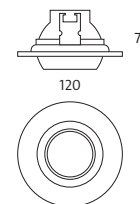
Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp.
710 01 35	White	SDW-T	PG12-1	35w	282,47	0.30 0.30
710 02 35	Black	SDW-T	PG12-1	35w	292,64	0.30 0.30
710 52 35	Chrome matt	SDW-T	PG12-1	35w	292,64	0.30 0.30
710 90 35	Titanium	SDW-T	PG12-1	35w	292,64	0.30 0.30
710 01 50	White	SDW-T	PG12-1	50w	282,47	0.30 0.30
710 02 50	Black	SDW-T	PG12-1	50w	292,64	0.30 0.30
710 52 50	Chrome matt	SDW-T	PG12-1	50w	292,64	0.30 0.30
710 90 50	Titanium	SDW-T	PG12-1	50w	292,64	0.30 0.30
710 01 10	White	SDW-T	PG12-1	100w	282,47	0.30 0.30
710 02 10	Black	SDW-T	PG12-1	100w	292,64	0.30 0.30
710 52 10	Chrome matt	SDW-T	PG12-1	100w	292,64	0.30 0.30
710 90 10	Titanium	SDW-T	PG12-1	100w	292,64	0.30 0.30



Adjustable circular R50

Protection degree IP20

- Material:** Steel sheet thermo painted.
- Optics:** Optics incorporated in the lamps.
- Supply:** Directly connected to the 220v main.
- Lamps:** It uses R50 incandescent reflective lamps and LED lamps.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** By request: 02 black, 33 gold matt, 55 nickel, 57 nickel matt.



Without lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
301 01	White	-	E-14	-	8,56	0.30
301 03	Gold	-	E-14	-	12,66	0.30
301 05	Chrome	-	E-14	-	12,66	0.30
301 52	Chrome matt	-	E-14	-	12,66	0.30
301 90	Titanium	-	E-14	-	12,66	0.30

Includes LED R50 lamp 240 lumens

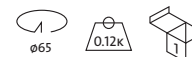
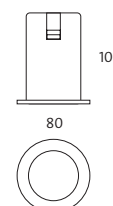
Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
301 01 45	White	LED	E-14	4,5w	52,96	0.30 0.20
301 03 45	Gold	LED	E-14	4,5w	64,06	0.30 0.20
301 05 45	Chrome	LED	E-14	4,5w	64,06	0.30 0.20
301 52 45	Chrome matt	LED	E-14	4,5w	64,06	0.30 0.20
301 90 45	Titanium	LED	E-14	4,5w	64,06	0.30 0.20

* Supplied in a standard manner with 4000° K lamp

Fixed circular R50

Protection degree IP20

- Material:** Steel sheet thermo painted.
- Optics:** Optics incorporated in the lamps.
- Supply:** Directly connected to the 220v main.
- Lamps:** It uses R50 incandescent reflective lamps and LED lamps.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, gold, chrome, chrome matt and titanium.
By request: 02 black, 33 gold matt, 55 nickel, 57 nickel matt.



Without lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
302 01	White	-	E-14	-	4,26	0.30
302 03	Gold	-	E-14	-	5,23	0.30
302 05	Chrome	-	E-14	-	5,23	0.30
302 52	Chrome matt	-	E-14	-	5,23	0.30
302 90	Titanium	-	E-14	-	5,23	0.30

Includes LED R50 lamp 240 lumens

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
302 01 45	White	LED	E-14	4,5w	50,82	0.30 0.20
302 03 45	Gold	LED	E-14	4,5w	51,70	0.30 0.20
302 05 45	Chrome	LED	E-14	4,5w	51,70	0.30 0.20
302 52 45	Chrome matt	LED	E-14	4,5w	51,70	0.30 0.20
302 90 45	Titanium	LED	E-14	4,5w	51,70	0.30 0.20

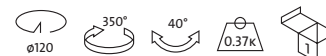
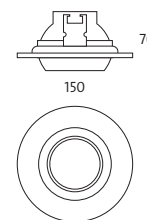
* Supplied in a standard manner with 4000° K lamp

Orientble circular R50/R63 / Fixed circular R50/R63

Adjustable circular R63

Protection degree IP20

- Material:** Steel sheet thermo painted.
- Optics:** Optics incorporated in the lamps.
- Supply:** Directly connected to the 220v main.
- Lamps:** It uses R63 incandescent reflective lamps and LED lamps.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, gold, chrome, chrome matt and titanium.
By request: 02 black, 33 gold matt, 55 nickel, 57 nickel matt.



Without lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
306 01	White	-	E-27	-	13,20	0.30
306 03	Gold	-	E-27	-	18,00	0.30
306 05	Chrome	-	E-27	-	18,00	0.30
306 52	Chrome matt	-	E-27	-	18,00	0.30
306 90	Titanium	-	E-27	-	18,00	0.30

Includes LED R63 lamp 320 lumens



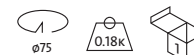
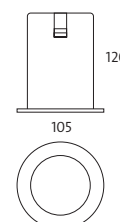
Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
306 01 06	White	LED	E-27	6w	72,53	0.30 0.20
306 03 06	Gold	LED	E-27	6w	77,33	0.30 0.20
306 05 06	Chrome	LED	E-27	6w	77,33	0.30 0.20
306 52 06	Chrome matt	LED	E-27	6w	77,33	0.30 0.20
306 90 06	Titanium	LED	E-27	6w	77,33	0.30 0.20

* Supplied in a standard manner with 4000° K lamp

Fixed circular R63

Protection degree IP20

- Material:** Steel sheet thermo painted.
- Optics:** Optics incorporated in the lamps.
- Supply:** Directly connected to the 220v main.
- Lamps:** It uses R63 incandescent reflective lamps and LED and LED lamps.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, gold, chrome, chrome matt and titanium.
By request: 02 black, 33 gold matt, 55 nickel, 57 nickel matt.



Without lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
303 01	White	-	E-27	-	4,82	0.30
303 03	Gold	-	E-27	-	6,28	0.30
303 05	Chrome	-	E-27	-	6,28	0.30
303 52	Chrome matt	-	E-27	-	6,28	0.30
303 90	Titanium	-	E-27	-	6,28	0.30

Includes LED R63 lamp 320 lumens



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
303 01 06	White	LED	E-27	6w	64,14	0.30 0.20
303 03 06	Gold	LED	E-27	6w	65,71	0.30 0.20
303 05 06	Chrome	LED	E-27	6w	65,71	0.30 0.20
303 52 06	Chrome matt	LED	E-27	6w	65,71	0.30 0.20
303 90 06	Titanium	LED	E-27	6w	65,71	0.30 0.20

* Supplied in a standard manner with 4000° K lamp

Fixed circular R80

Protection degree IP20

- Material:** Steel sheet thermo painted.
Optics: Optics incorporated in the lamps.
Supply: Directly connected to the 220v main.
Lamps: It uses R63 incandescent reflective lamps.
Installation: Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
Colours: White, gold, chrome, chrome matt and titanium.
 By request: 02 black, 33 gold matt, 55 nickel, 57 nickel matt.

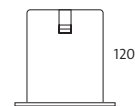
Without lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
304 01	White	-	E-27	-	4,92	0.30
304 03	Gold	-	E-27	-	6,74	0.30
304 05	Chrome	-	E-27	-	6,74	0.30
304 52	Chrome matt	-	E-27	-	6,74	0.30
304 90	Titanium	-	E-27	-	6,74	0.30

Includes reflective R80 lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
304 01 75	White	R80	E-27	75w	7,08	0.30
304 03 75	Gold	R80	E-27	75w	8,90	0.30
304 05 75	Chrome	R80	E-27	75w	8,90	0.30
304 52 75	Chrome matt	R80	E-27	75w	8,90	0.30
304 90 75	Titanium	R80	E-27	75w	8,90	0.30



125



ø95

0.21k

Fixed circular R90

Protection degree IP20

- Material:** Steel sheet thermo painted.
Optics: Optics incorporated in the lamps.
Supply: Directly connected to the 220v main.
Lamps: It uses R63 incandescent reflective lamps.
Installation: Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
Colours: White, gold, chrome, chrome matt and titanium.
 By request: 02 black, 33 gold matt, 55 nickel, 57 nickel matt

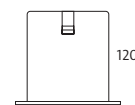
Without lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
305 01	White	-	E-27	-	4,94	0.30
305 03	Gold	-	E-27	-	7,19	0.30
305 05	Chrome	-	E-27	-	7,19	0.30
305 52	Chrome matt	-	E-27	-	7,19	0.30
305 90	Titanium	-	E-27	-	7,19	0.30

Includes reflective R90 lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
305 01 10	White	R90	E-27	100w	7,93	0.30
305 03 10	Gold	R90	E-27	100w	10,18	0.30
305 05 10	Chrome	R90	E-27	100w	10,18	0.30
305 52 10	Chrome matt	R90	E-27	100w	10,18	0.30
305 90 10	Titanium	R90	E-27	100w	10,18	0.30



135



ø110

0.22k


Fixed circular R80/R90 / Fixed PAR20/PAR30/PAR38

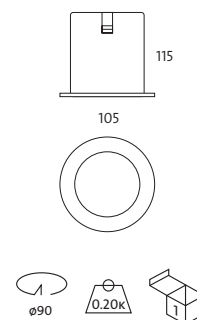
Fixed PAR20

Protection degree IP20

- Material:** Steel sheet thermo painted.
- Optics:** Optics incorporated in the lamps.
- Supply:** Directly connected to the 220v main.
- Lamps:** It uses PAR20 halogen lamps.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, gold, chrome, chrome matt and titanium.
By request: 55 nickel, 57 nickel matt.

Includes halogen PAR20 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
 602 01 50	White	PAR20	E-27	50w	27,06	0.30
602 03 50	Gold	PAR20	E-27	50w	27,47	0.30
602 05 50	Chrome	PAR20	E-27	50w	32,85	0.30
602 52 50	Chrome matt	PAR20	E-27	50w	32,85	0.30
602 90 50	Titanium	PAR20	E-27	50w	32,85	0.30




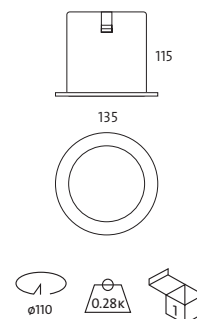
Fixed PAR30

Protection degree IP20

- Material:** Steel sheet thermo painted.
- Optics:** Optics incorporated in the lamps.
- Supply:** Directly connected to the 220v main.
- Lamps:** It uses PAR30 halogen lamps.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, gold, chrome, chrome matt and titanium.
By request: 02 black, 33 gold matt, 55 nickel, 57 nickel matt.

Includes halogen PAR30 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
 604 01 75	White	PAR30	E-27	75w	30,59	0.30
604 03 75	Gold	PAR30	E-27	75w	31,10	0.30
604 05 75	Chrome	PAR30	E-27	75w	37,54	0.30
604 52 75	Chrome matt	PAR30	E-27	75w	37,54	0.30
604 90 75	Titanium	PAR30	E-27	75w	37,54	0.30




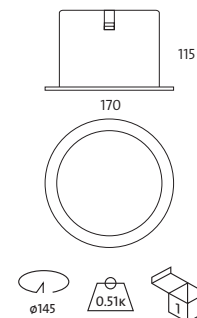
Fixed PAR38

Protection degree IP20

- Material:** Steel sheet thermo painted.
- Optics:** Optics incorporated in the lamps.
- Supply:** Directly connected to the 220v main.
- Lamps:** It uses PAR38 halogen lamps.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, gold, chrome, chrome matt and titanium.
By request: 02 black, 33 gold matt, 55 nickel, 57 nickel matt.

Includes halogen PAR38 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
 606 01 10	White	PAR38	E-27	100w	35,59	0.30
606 03 10	Gold	PAR38	E-27	100w	36,19	0.30
606 05 10	Chrome	PAR38	E-27	100w	44,14	0.30
606 52 10	Chrome matt	PAR38	E-27	100w	44,14	0.30
606 90 10	Titanium	PAR38	E-27	100w	44,14	0.30



Fixed PAR20 LED

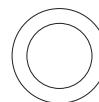
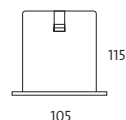
Protection degree IP20

- Material:** Steel sheet thermo painted.
- Optics:** Optics incorporated in the lamps.
- Supply:** Directly connected to the 220v main.
- Lamps:** It uses PAR20 LED lamps.
- Life average:** 30.000 hours life average estimated.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, gold, chrome, chrome matt and titanium.
By request: 55 nickel, 57 nickel matt.
- Options:** Available with different light sources.

Includes lamp LED PAR20 4000°K 320 lumens



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
602 01 06	White	LED	E-27	6w	84,23	0.30	0.20
602 03 06	Gold	LED	E-27	6w	90,02	0.30	0.20
602 05 06	Chrome	LED	E-27	6w	90,02	0.30	0.20
602 52 06	Chrome matt	LED	E-27	6w	90,02	0.30	0.20
602 90 06	Titanium	LED	E-27	6w	90,02	0.30	0.20



Fixed PAR20 LED / PAR30 LED / PAR38 LED

Fixed PAR30 LED

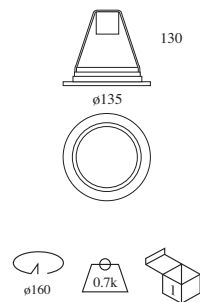
Protection degree IP20

- Material:** Steel sheet thermo painted.
- Optics:** Optics incorporated in the lamps.
- Supply:** Directly connected to the 220v main.
- Lamps:** It uses PAR30 halogen lamps.
- Life average:** 30.000 hours life average estimated.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, gold, chrome, chrome matt and titanium.
- Options:** Available with different light sources.

Includes PAR30 LED lamp 4000°K 700 lumens



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
604 01 09	White	LED	E-27	9w	116,69	0.30	0.20
604 03 09	Gold	LED	E-27	9w	123,65	0.30	0.20
604 05 09	Chrome	LED	E-27	9w	123,65	0.30	0.20
604 52 09	Chrome matt	LED	E-27	9w	123,65	0.30	0.20
604 90 09	Titanium	LED	E-27	9w	123,65	0.30	0.20



Fixed PAR38 LED

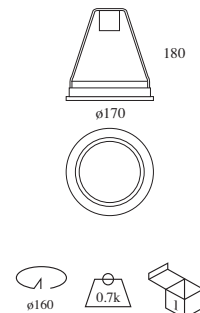
Protection degree IP20

- Material:** Steel sheet thermo painted.
- Optics:** Optics incorporated in the lamps.
- Supply:** Directly connected to the 220v main.
- Lamps:** It uses PAR38 halogen lamps.
- Life average:** 30.000 hours life average estimated.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, gold, chrome, chrome matt and titanium.
By request: 02 black, 33 gold matt, 55 nickel, 57 nickel matt.
- Options:** Available with different light sources.

Includes PAR30 LED lamp 4000°K 960 lumens



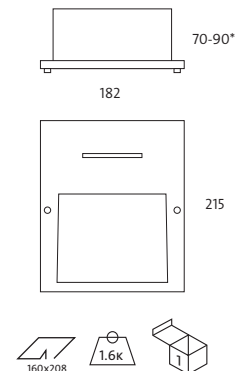
Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
606 01 15	White	LED	E-27	15w	174,64	0.30	0.20
606 03 15	Gold	LED	E-27	15w	183,19	0.30	0.20
606 05 15	Chrome	LED	E-27	15w	183,19	0.30	0.20
606 52 15	Chrome matt	LED	E-27	15w	183,19	0.30	0.20
606 90 15	Titanium	LED	E-27	15w	183,19	0.30	0.20



Nunak / Nunak LED

Protection degree IP20 / IP43

- Material:** Sheet aluminium box and steel sheet front.
- Optics:** Asymmetrical optic, wallwasher effect. Matt aluminium reflector. It can be supplied with transparent protective glass (Ref. CTNV / CTNH), for an IP43 protection.
- Supply:** Ballast carrier box for PL-T lamp 13 / 18W. Available with electronic ballast or with domotics sensors systems.(see the options of the table. Driver for LED 8w.
- Lamps:** It uses low consumption lamps 13 / 18 w and Led de OSRAM DRAGON X-Plus, suitable for domestic and commercial use.
- Installation:** Recessed for wall. It is delivered with an auxiliary steel sheet box in order to put in the building site.
- Colours:** Stainless steel, white, black, chrome matt, titanium..



* 90mm deep in case of usig the auxiliar box to inlay.

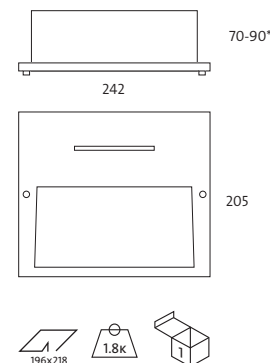
Nunak vertical

Includes auxiliar box, control gear and PL-T lamp



Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp.	
073 00 13 84	Stainless steel	PL-T	G24d-1	13w	92,33	0.30	0.20
073 01 13 84	White	PL-T	G24d-1	13w	101,56	0.30	0.20
073 02 13 84	Black	PL-T	G24d-1	13w	101,56	0.30	0.20
073 52 13 84	Chrome matt	PL-T	G24d-1	13w	101,56	0.30	0.20
073 90 13 84	Titanium	PL-T	G24d-1	13w	101,56	0.30	0.20
073 00 18 84	Stainless steel	PL-T	G24d-2	18w	92,36	0.30	0.20
073 01 18 84	White	PL-T	G24d-2	18w	101,58	0.30	0.20
073 02 18 84	Black	PL-T	G24d-2	18w	101,58	0.30	0.20
073 52 18 84	Chrome matt	PL-T	G24d-2	18w	101,58	0.30	0.20
073 90 18 84	Titanium	PL-T	G24d-2	18w	101,58	0.30	0.20

* Supplied in a standard manner with 4200° K lamp



* 90mm deep in case of usig the auxiliar box to inlay.

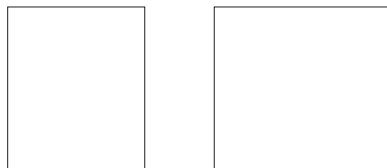
Nunak horizontal

Includes auxiliar box, control gear and PL lamp



Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp.	
074 00 13 84	Stainless steel	PL	G24d-1	13w	125,30	0.30	0.20
074 01 13 84	White	PL	G24d-1	13w	136,80	0.30	0.20
074 02 13 84	Black	PL	G24d-1	13w	136,80	0.30	0.20
074 52 13 84	Chrome matt	PL	G24d-1	13w	136,80	0.30	0.20
074 90 13 84	Titanium	PL	G24d-1	13w	136,80	0.30	0.20
074 00 18 84	Stainless steel	PL	G24d-2	18w	125,30	0.30	0.20
074 01 18 84	White	PL	G24d-2	18w	137,83	0.30	0.20
074 02 18 84	Black	PL	G24d-2	18w	137,83	0.30	0.20
074 52 18 84	Chrome matt	PL	G24d-2	18w	137,83	0.30	0.20
074 90 18 84	Titanium	PL	G24d-2	18w	137,83	0.30	0.20
074 00 26 84	Stainless steel	PL	G24d-3	26w	125,33	0.30	0.20
074 01 26 84	White	PL	G24d-3	26w	138,88	0.30	0.20
074 02 26 84	Black	PL	G24d-3	26w	138,88	0.30	0.20
074 52 26 84	Chrome matt	PL	G24d-3	26w	138,88	0.30	0.20
074 90 26 84	Titanium	PL	G24d-3	26w	138,88	0.30	0.20

* Supplied in a standard manner with 4200° K lamp



Ref. **CTNV**
Transparent glass.

Ref. **CTNH**
Transparent glass.

OPTIONS	Ref. 82	Ref. 83	Ref. 84
Colour temperature	2700°K	3000°K	4000°K
PL-T 13w	•	•	•
PL-T 18w	•	•	•

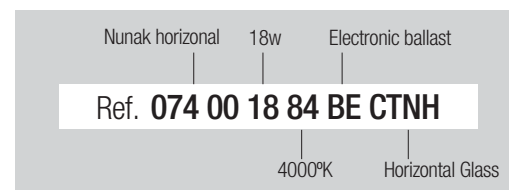
OPTIONS

Rough price increase of control gear		€
Ref. BE	Electronic ballast	19,00

Rough price increase of accesories

Ref. CTNV	Transparent glass Nunak vertical	4,70
Ref. CTNH	Transparent glass Nunak horizontal	5,72


Example to write a reference with options





Nunak LED vertical 4,8w


Includes auxiliar box, electronic equipment and 4 leds 1,2W

Ref.	Colour	Lamp.	W	€	RAEE lum.
 073 00 04 85	Stainless steel	LED	4,8w	181,79	0.30
073 01 04 85	White	LED	4,8w	183,75	0.30
073 02 04 85	Black	LED	4,8w	183,75	0.30
073 52 04 85	Chrome matt	LED	4,8w	183,75	0.30
073 90 04 85	Titanium	LED	4,8w	183,75	0.30

* Supplied in a standard manner with 5400° K lamp

Nunak LED horizontal 7,2w

Includes auxiliar box, electronic equipment and 6 leds 1,2W

Ref.	Colour	Lamp.	W	€	RAEE lum.
 074 00 07 85	Stainless steel	LED	7,2w	225,31	0.30
074 01 07 85	White	LED	7,2w	226,70	0.30
074 02 07 85	Black	LED	7,2w	226,70	0.30
074 52 07 85	Chrome matt	LED	7,2w	226,70	0.30
074 90 07 85	Titanium	LED	7,2w	226,70	0.30

* Supplied in a standard manner with 5400° K lamp

Example to write a reference with options

OPTIONS LED OSRAM DRAGON-X

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K
Ref. 86	6500°K

Nunak LED 7w

Ref. 073 01 07 83

White 3300°K

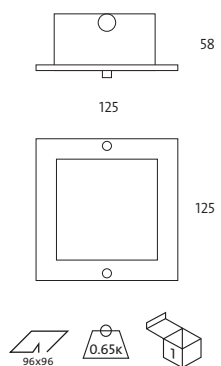


Kosten square

Includes protection glass and halogen G-9 lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
210 00 25	Stainless steel	Bipin220v	G-9	25w	55,55	0.30
210 00 40	Stainless steel	Bipin220v	G-9	40w	55,55	0.30



Kosten

Kosten

Protection degree IP20

- Material:** Stainless steel.
- Optics:** Aluminum reflector and protection glass.
- Supply:** Directly connected to the 220v main.
- Lamps:** It uses halogen G-9 lamps of 25 and 40w.
LED Osram Dragon-X de 3w and 6w.
- Installation:** Recessed for wall. It is delivered with an auxiliary box in order to put in the building site. Perimeter lighting.
- Colours:** Natural stainless steel.

Kosten rectangular

Includes protection glass and halogen G-9 lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
209 00 25	Stainless steel	Bipin220v	G-9	25w	52,44	0.30
209 00 40	Stainless steel	Bipin220v	G-9	40w	52,44	0.30

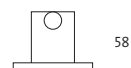
Kosten LED rectangular 3,6w

Includes protection glass, driver and 3 LED 1,2w

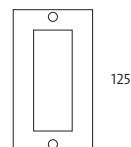


Ref.	Colour	Lamp	W	€	RAEE lum.
209 00 03	Stainless steel	Led	3,6w	93,57	0.30

* Supplied in a standard manner with 5400° K lamp



70



OPTIONS LED OSRAM DRAGON-X

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K
Ref. 86	6500°K

Example to write a reference with options

Kosten LED 3W

Ref. 209 00 03 83

Stainless steel 3300°K

Supor LED / Luzco LED



Supor LED 166



Luzco LED 167

Ducto LED / Compact LED



Miniducto LED 168



Ducto Medium LED 168



Ducto LED 169

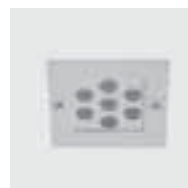


Compact LED 170



Ducto Estanco LED 171

Micra LED / Sato LED



Micra LED 172



Sato LED 173

Serie Ledión LED



Ledión Micro 176



Ledión Mini 176



Ledión Medium 177



Ledión 178



Supraledión 179

Downlight LED Efital



Efital 180

Downlight PL surface



Supor PL 184
Supor PL Darlight
Supor PL LED 14,4w



Luzco PL 188
Luzco PL Darlight
Luzco PL LED 14,4w



S. low consumption 192
S.B.C. PL LED 14,4w

Serie Ledión BC



Ledión PL 194
Ledión PL LED 14,4w

Downlight PL recessed



Miniducto PL-T 196
Miniducto PL LED



Ducto Medium 198
Ducto Medium PL LED 14,4w



Ducto PL 200
Ducto PL LED 14,4w



Supraducto 202
Supraducto PL LED 14,4w



Efici 204
Efici PL LED 14,4w



Compact PL 206
Compact PL LED



Crotek 208



Downlight 3/4 PL 209
Downlight 3/4 PL LED



Darklight 1-2-3-4 210
Darklight 1-2-3-4 PL LED 14,4w



Dendo 212
Dendo PL LED 14,4w



Zalin 216
Zalin PL LED 14,4 w



Sato PL 218
Sato PL LED 14,4w



Micra PL 220
Micra PL LED 7,2w



Tetra 222
Tetra PL LED 14,4w

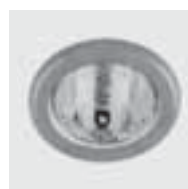
**Downlight PL
recessed
glass / wood**



Duray 224
Duray PL LED 14,4w



Sirius 226
Sirius PL LED 14,4w



Zino 228
Zino PL LED 14,4w

Other downlight



Diso 230
Diso PL LED 14,4w



Downlight 401 E-27 231
Downlight 401 LED 7,2w



Downlight 402 E-27 232
Downlight 402 LED 7,2w
Downlight 402 R63 LED
Downlight 402 PLT



Faceto E-27 233
Faceto LED 7,2w
Faceto R63 LED
Faceto PLT



Variante PL 234
Variante E-27
Variante PL LED 14.4w

**Downlight HQI
surface**



Supor HQI 236



Luzco HQI 237

**Downlight HQI
recessed**



Miniducto HQI 238



Ducto HQI 239



Dendo HQI 240



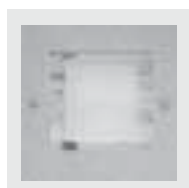
Compact HQI 241



Empot. rectangular 241



Micra HQI 242



Sato HQI 243





Supor LED

Protection degree IP20 / IP43



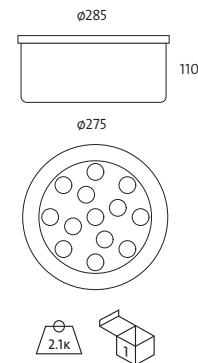
- Material:** Thermo-painted aluminium.
- Optics:** Extensive optics 37° Ledil (Finland), built in the LED lamps. Includes protection glass.
- Supply:** Driver supplied for each type of lamp and wattage.
- Lamps:** Made of 13 Osram Golden Dragon 2.4 W LEDs. Recommended for domestic, commercial and industrial use.
- Estimated life:** Estimated life span 30,000 hours.
- Installation:** Installed on surface with bolts (not supplied) or suspended (suspension kit ref. 1211).
- Colours:** White, black, matt chrome and titanium.

Includes protection glass, driver and 31.2W LED pad / 2340 lumens



Ref.	Colour	Lamp	W	€	RAEE lum.
3182 01 86	White	LED	31,2w	290,66	0.65
3182 02 86	Black	LED	31,2w	295,71	0.65
3182 52 86	Chrome matt	LED	31,2w	295,71	0.65
3182 90 86	Titanium	LED	31,2w	295,71	0.65

* Supplied in a standard manner with LED 6500° K



Rough price increase of accesories

	€
Ref. CT 494 Transparent glass with serigraphy	4,36
Ref. CM 494 Matt glass	4,57
Ref. CTP Polycarbonate protection	8,88
Ref. 54 Glass and gaket for the IP54	11,00
Ref. 1211 Suspension kit	26,80

OPTIONS LED OSRAM DRAGON-X

IRC / Colour temperature

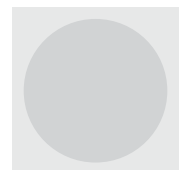
Ref. 83	3300°K
Ref. 85	5400°K
Ref. 86	6500°K



Ref. **CTT**
Transparent glass.



Ref. **CTP**
Polycarbonate protection.



Ref. **CM 494**
Matt glass.

Example to write a reference with options

Supor LED 5400°K

Ref. **3182 01 85 CM494**

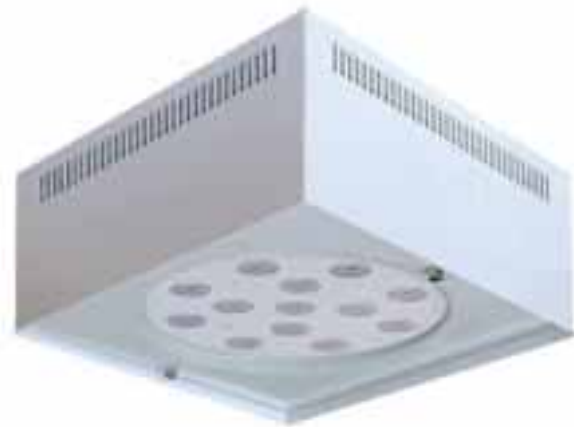
White Matt glass

Luzco LED

Protection degree IP20 / IP43



- Material:** Thermo-painted steel sheet.
- Optics:** Extensive optics 37° Ledil (Finland), built in the LED lamps. Includes protection glass.
- Supply:** Driver supplied for each type of lamp and wattage.
- Lamps:** Made of 13 Osram Golden Dragon 2.4 W LEDs. Recommended for domestic, commercial and industrial use.
- Estimated life:** Estimated life span 30,000 hours.
- Installation:** Installed on surface with bolts (not supplied) or suspended (suspension kit ref. 1211).
- Colours:** White, black, matt chrome and titanium.

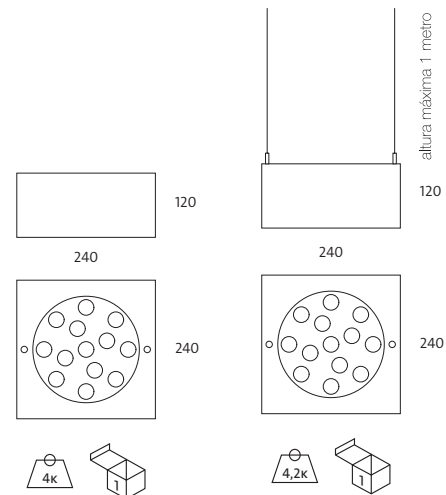


Includes protection glass, driver and 31.2W LED pad / 2340 lumens

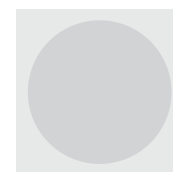


Ref.	Colour	Lamp	W	€	RAEE lum.
3183 01 86	White	LED	31,2w	294,16	0.65
3183 02 86	Black	LED	31,2w	300,76	0.65
3183 52 86	Chrome matt	LED	31,2w	300,76	0.65
3183 90 86	Titanium	LED	31,2w	300,76	0.65

* Supplied in a standard manner with LED 6500° K



Ref. **CTL**
Transparent glass.



Ref. **CML**
Matt glass.



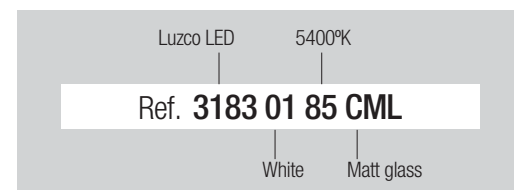
Ref. **1211**
Suspension kit. Standard version 1 metre length. Made-to-measure possibility.

Rough price increase of accessories		€
Ref. CML	Luzco matt glass	9,88
Ref. 1211	Suspension kit	26,80

OPTIONS LED OSRAM DRAGON-X

IRC / Colour temperature	
Ref. 83	3300°K
Ref. 85	5400°K
Ref. 86	6500°K

Example to write a reference with options



Miniducto LED


Protection degree IP43 / IP 54



- Material:** Body made in steel sheet. Aluminium ring.
- Optics:** Extensive optics 37° Ledil (Finland), built in LED lamp. Includes protection glass.
- Supply:** Driver supplied for each type of lamp and wattage.
- Lamps:** LED-lamp pad with 6 Osram Golden Dragon LEDs of 2.4 W. Recommended for domestic, commercial and industrial use.
- Estimated life:** Estimated life span 30,000 hours.
- Installation:** Ceiling-recessed, fit for all types of modular and plaster ceilings.
- Colours:** White, chrome, matt chrome and titanium.
UpUpon request: 02 black, 03 gold, 04 graphite, 33 gold matt, 55 matt nickel, satin nickel 57, 80 satin finish.

Miniducto LED 14,4w / 6500°K / 810 lumens

Includes protection glass, driver and 14.4W LED pad

Ref.	Colour	Lamp	W	€	RAEE lum.
 497 01 14 86	White	LED	6x2,4w	176,33	0.30
497 02 14 86	Black	LED	6x2,4w	179,01	0.30
497 52 14 86	Chrome matt	LED	6x2,4w	179,01	0.30
497 90 14 86	Titanium	LED	6x2,4w	179,01	0.30

* Supplied in a standard manner with LED 6500° K

Rough price increase of accessories	€
Ref. CM497 Protection glass matt	1,95
Ref. 3308 Dimmable driver	52,20

Ducto Medium LED


Protection degree IP43



- Material:** Thermo-painted zamak injection.
- Optics:** Extensive optics 37° Ledil (Finland), built in LED lamps. Includes protection glass.
- Supply:** Driver supplied for each type of lamp and wattage.
- Lamps:** LED-lamp pad with 9 Osram Golden Dragon LEDs of 2.4 W. Recommended for domestic, commercial and industrial use.
- Estimated life:** Estimated life span 30,000 hours.
- Installation:** Ceiling-recessed, fit for all types of modular and plaster ceilings.
- Colours:** White, chrome, matt chrome and titanium.
UpUpon request: 55 matt nickel; 57 satin nickel

Ducto Medium LED 21,6w / 6500°K / 1620 lumens

Includes protection glass, driver and 21.6W LED pad

Ref.	Colour	Lamp	W	€	RAEE lum.
 015 01 21 86	White	LED	9x2,4w	201,14	0.30
015 03 21 86	Gold	LED	9x2,4w	207,13	0.30
015 05 21 86	Chrome	LED	9x2,4w	207,13	0.30
015 52 21 86	Chrome matt	LED	9x2,4w	205,69	0.30
015 90 21 86	Titanium	LED	9x2,4w	205,69	0.30

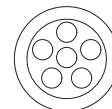
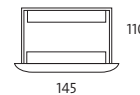
* Supplied in a standard manner with LED 6500° K

Rough price increase of accessories	€
Ref. CMDM Matt glass	4,22
Ref. 3310 Dimmable driver	62,80

OPTIONS LED OSRAM DRAGON-X

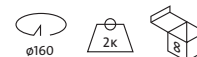
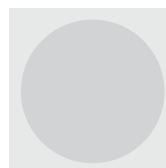
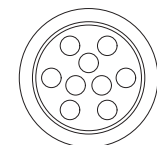
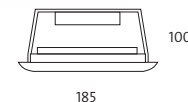
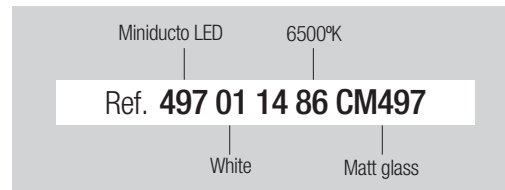
IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K
Ref. 86	6500°K



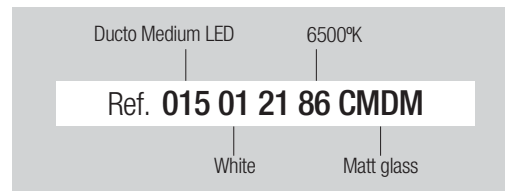
Ref. **CM 497**
Matt glass.

Example to write a reference with options



Ref. **CMDM**
Matt glass.

Example to write a reference with options



Ducto LED

Protection degree IP43



- Material:** Thermo-painted zamak injection.
- Optics:** Extensive optis 37° Ledil (Finland), built in LED lamps. Includes protection glass.
- Supply:** Driver supplied for each type of lamp and wattage.
- Lamps:** LED-lamp pad with 13 Osram Golden Dragon LEDs of 2.4 W. Recommended for domestic, commercial and industrial use.
- Estimated life:** Estimated life span 30,000 hours.
- Installation:** Ceiling-recessed, fit for all types of modular and plaster ceilings.
- Colours:** White, chrome, matt chrome and titanium.
Upon request: 04 graphite, 55 matt nickel; 57 satin nickel.

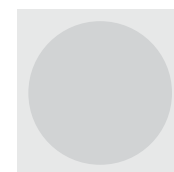
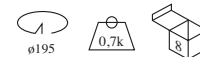
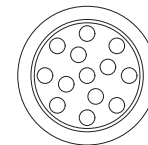
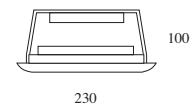


Ducto LED 31,2w / 6500°K / 2340 lumens

Includes protection glass, driver and 31.2W LED pad

Ref.	Colour	Lamp	W	€	RAEE lum.
495 01 31 86	White	LED	13x2,4w	234,84	0.30
495 02 31 86	Black	LED	13x2,4w	239,78	0.30
495 03 31 86	Gold	LED	13x2,4w	239,78	0.30
495 05 31 86	Chrome	LED	13x2,4w	239,78	0.30
495 52 31 86	Chrome matt	LED	13x2,4w	239,78	0.30
495 90 31 86	Titanium	LED	13x2,4w	239,78	0.30

* Supplied in a standard manner with LED 6500° K



Ref. **CM 494**
Matt glass.



Ref. **CTP 494**
Polycarbonate protection.

Rough price increase of accessories

	€
Ref. CM 494 Matt glass	4,57
Ref. CTP Polycarbonate protection	8,88

OPTIONS LED OSRAM DRAGON-X

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K
Ref. 86	6500°K

Example to write a reference with options

Ducto LED 6500°K
 | |
Ref. 495 01 31 86 CM494
 | |
 White Matt glass

Compact LED

Protection degree IP43




- Material:** Thermo-painted steel sheet.
- Optics:** Extensive optics 37° Ledil (Finland), built in LED lamps. Includes protection glass.
- Supply:** Driver supplied for each type of lamp and wattage.
- Lamps:** LED-lamp pad with 13 Osram Golden Dragon LEDs of 2.4 W. Recommended for domestic, commercial and industrial use.
- Estimated life:** Estimated life span 30,000 hours.
- Installation:** Ceiling-recessed, fit for all types of modular and plaster ceilings. Available with electronic ballast.
- Colours:** White, chrome, matt chrome and titanium.
UpUpon request: 02 black, 03 matt gold; 55 satin nickel; 57 nickel; 80 satin

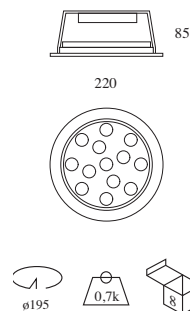


Compact LED 31,2w / 6500°K / 2340 lumens

Includes protection glass, driver and 31.2W LED pad

Ref.	Colour	Lamp	W	€	RAEE lum.
 428 01 31 86	White	LED	13x2,4w	233,08	0.30
428 02 31 86	Black	LED	13x2,4w	237,51	0.30
428 05 31 86	Chrome	LED	13x2,4w	237,51	0.30
428 52 31 86	Chrome matt	LED	13x2,4w	237,51	0.30
428 90 31 86	Titanium	LED	13x2,4w	237,51	0.30

* Supplied in a standard manner with LED 6500° K



Ref. **CM**
Matt glass.



Ref. **CTP**
Polycarbonate protection.

Rough price increase of accessories

	€
Ref. CM Matt glass	4,57
Ref. CTP Polycarbonate protection	8,88

OPTIONS LED OSRAM DRAGON-X

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K
Ref. 86	6500°K

Example to write a reference with options

Compact LED 3300°K

Ref. **428 01 31 83 CM**

White Matt glass

Waterproof Ducto LED

Protection degree IP65



- Material:** Thermo-painted Zamak Injection.
- Optics:** Extensive optics 37° Ledil (Finland), built in LED lamps. Includes protection glass.
- Supply:** Driver supplied for each type of lamp and wattage.
- Lamps:** LED-lamp pad with 13 Osram Golden Dragon LEDs of 2.4 W. Recommended for domestic, commercial and industrial use.
- Estimated life:** Estimated life span 30,000 hours.
- Installation:** Ceiling-recessed, fit for all types of modular and plaster ceilings. White, chrome, matt chrome and titanium.
- Colours:** UpUpon request: 04 graphite; 55 matt nickel; 57 satin nickel.

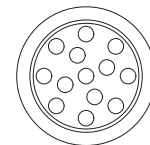
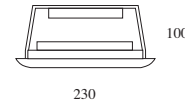


Waterproof Ducto LED 31,2w / 6500°K / 2340 lumens

Includes protection glass, driver and 31.2W LED pad

Ref.	Colour	Lamp	W	€	RAEE lum.
470 01 31 86	White	LED	13x2,4w	279,23	0.30
470 02 31 86	Black	LED	13x2,4w	285,51	0.3
470 03 31 86	Gold	LED	13x2,4w	285,51	0.30
470 05 31 86	Chrome	LED	13x2,4w	285,51	0.30
470 52 31 86	Chrome matt	LED	13x2,4w	285,51	0.30
470 90 31 86	Titanium	LED	13x2,4w	285,51	0.30

* Supplied in a standard manner with LED 6500° K



Ref. **CM 494**
Matt glass.



Ref. **CTP 494**
Polycarbonate protection.

Rough price increase of accessories

	€
Ref. CM 494 Matt glass	4,57

OPTIONS LED OSRAM DRAGON-X

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K
Ref. 86	6500°K

Example to write a reference with options

Ducto estanco LED 6500°K

Ref. **470 01 31 86 CM494**

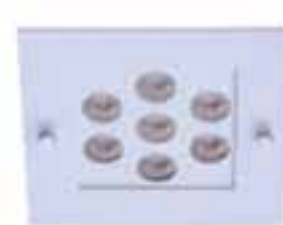
White Matt glass

Micra LED

Protection degree IP43




- Material:** Thermo-painted steel sheet.
- Optics:** Extensive optics 37° Ledil (Finland), built in LED lamps. Includes protection glass.
- Supply:** Driver supplied for each type of lamp and wattage.
- Lamps:** LED-lamp pad with 7 Osram Golden Dragon LEDs of 2.4 W. Recommended for domestic, commercial and industrial use.
Estimated life span 30,000 hours.
- Estimated life:** Ceiling-recessed, fit for all types of modular and plaster ceilings.
- Installation:** Available with electronic ballast.
- Colours:** White, chrome, matt chrome and titanium.
Upon request: 02 black; 03 gold; 55 matt nickel; 57 nickel, satin nickel

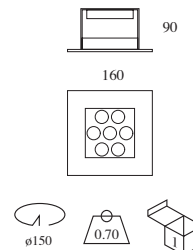


Micra LED 16,8w / 6500°K / 945 lumens

Includes protection glass, driver and 16.8W LED pad

Ref.	Colour	Lamp	W	€	RAEE lum.
 017 01 16 86	White	LED	7x2,4w	179,73	0.30
017 02 16 86	Black	LED	7x2,4w	183,54	0.30
017 52 16 86	Chrome matt	LED	7x2,4w	183,54	0.30
017 90 16 86	Titanium	LED	7x2,4w	183,54	0.30

* Supplied in a standard manner with LED 6500° K



Ref. **MM**
Matt glass.

Rough price increase of accessories

	€
Ref. MM Internal matt glass	5,72
Ref. 3309 Dimmable driver	58,20

OPTIONS LED OSRAM DRAGON-X

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K
Ref. 86	6500°K

Example to write a reference with options

Micra LED White
 | |
Ref. 017 01 16 86 MM
 | |
 6500°K Matt glass

Sato LED

Protection degree IP43




- Material:** Thermo-painted steel sheet.
- Optics:** Extensive optics 37° Ledil (Finland), built in LED lamps. Includes protection glass.
- Supply:** Driver supplied for each type of lamp and wattage.
- Lamps:** LED-lamp pad with 7 Osram Golden Dragon LEDs of 2.4 W. Recommended for domestic, commercial and industrial use.
- Estimated life:** Estimated life span 30,000 hours.
- Installation:** Ceiling-recessed, fit for all types of modular and plaster ceilings. Available with electronic ballast.
- Colours:** White, chrome, matt chrome and titanium.
Upon request: 02 black; 03 gold, 55 matt nickel, satin nickel 57.

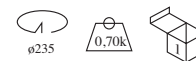
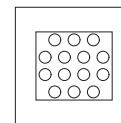
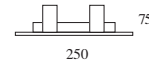


Sato LED 33,6w / 6500°K / 2520 lumens

Includes protection glass, driver and 33.6W LED pad

Ref.	Colour	Lamp	W	€	RAEE lum.
 019 01 33 86	White	LED	14x2,4w	257,29	0.30
019 02 33 86	Black	LED	14x2,4w	264,21	0.30
019 52 33 86	Chrome matt	LED	14x2,4w	264,21	0.30
019 90 33 86	Titanium	LED	14x2,4w	264,21	0.30

* Supplied in a standard manner with LED 6500° K



Ref. **SM**
Matt glass.

Rough price increase of accessories		€
Ref. SM	Internal matt glass	5,96

OPTIONS LED OSRAM DRAGON-X

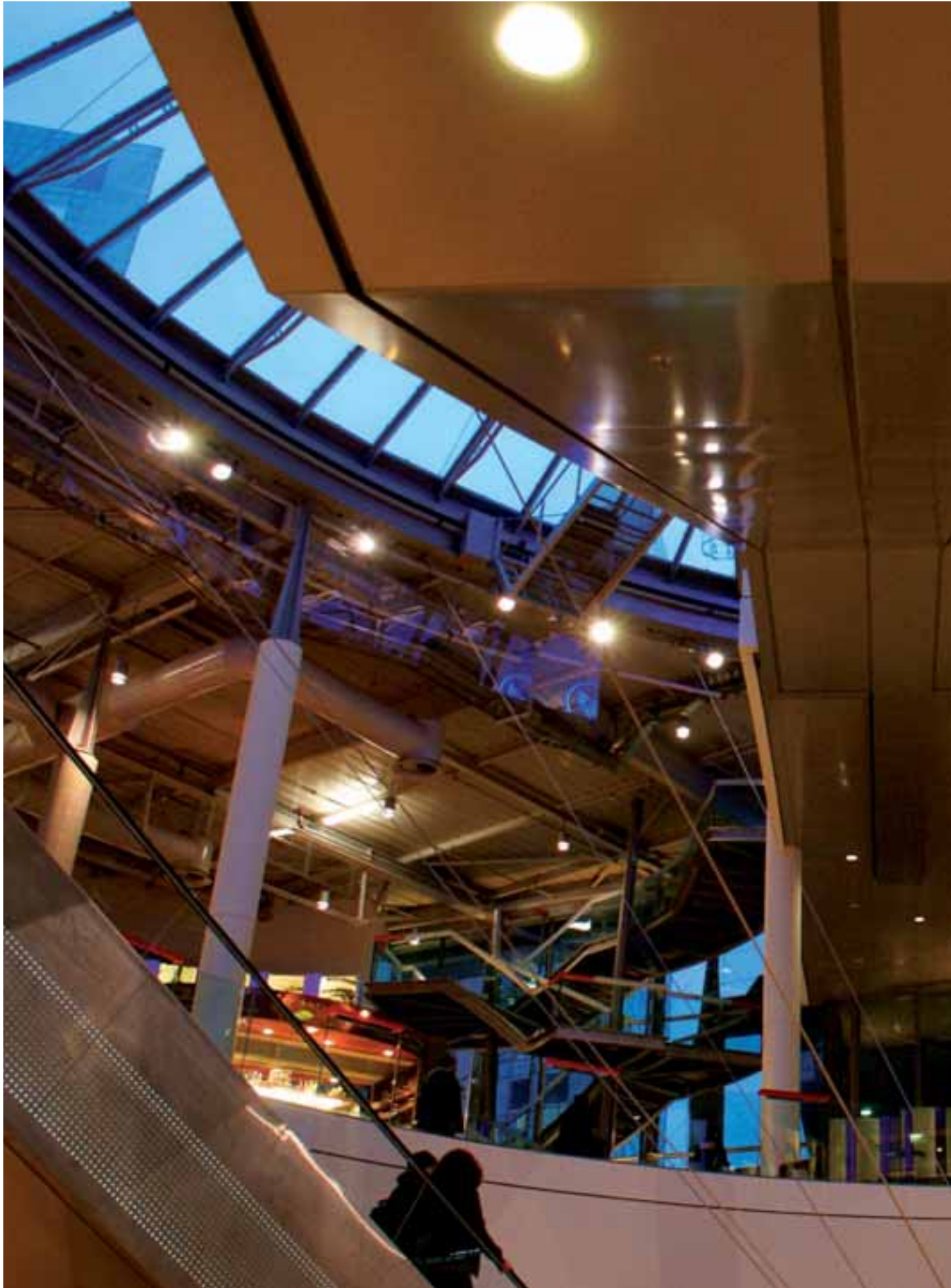
IRC / Colour temperature	
Ref. 83	3300°K
Ref. 85	5400°K
Ref. 86	6500°K

Example to write a reference with options

Sato LED 6500°K

Ref. **019 01 33 86 SM**

White Internal matt glass





Downlight Led Ledion Micro

Protection degree IP44 / IP65



- Material:** Die casting aluminium
- Optics:** Aluminum reflector. Includes protection glass for IP44.
- Supply:** Driver supplied for each type of lamp and wattage.
- Lamps:** Osram Golden Dragon LEDs 7,2w. Recommended for domestic, commercial and industrial use.
- Estimated life:** Estimated life span, 30.000 hours.
- Installation:** Ceiling-recessed, fit for all types of modular and plaster ceilings.
- Colours:** White, black, matt chrome and titanium

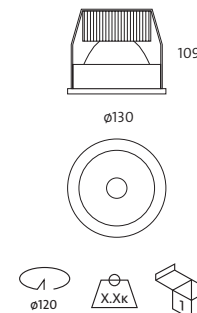
Includes protection glass, driver and LED lamp 7,2w / 600 lumens

Ref.	Colour	Lamp	W	€	lum.
3000 01 09 86	White	LED	7,2w	151,61	0.65
3000 02 09 86	Black	LED	7,2w	156,14	0.65
3000 52 09 86	Chrome matt	LED	7,2w	156,14	0.65
3000 90 09 86	Titanium	LED	7,2w	156,14	0.65

Supplied in a standard manner with LED 6500° K

Rough price increase of driver		€
Ref. DR	Dimmable driver	39,80

Rough price increase of driver accesories		€
Ref. 3004	Matt glass	3,92
Ref. IP65	Gaket for the IP65	19,00



OPTIONS LED OSRAM DRAGON-X

IRC / Colour temperature	
Ref. 83	3300°K
Ref. 85	5400°K
Ref. 86	6500°K

Downlight Led Ledion Mini

Protection degree IP44 / IP65



- Material:** Die casting aluminium
- Optics:** Aluminum reflector. Includes protection glass for IP44.
- Supply:** Driver supplied driver for each type of lamp and wattage.
- Lamps:** Led lamp Bridgelux (USA) 17W. Recommended for domestic, commercial and industrial use.
- Estimated life:** Estimated life span, 30.000 hours.
- Installation:** Ceiling-recessed, fit for all types of modular and plaster ceilings.
- Colours:** White, black, matt chrome and titanium.

Includes protection glass, driver and Led 17W / 800 lumens

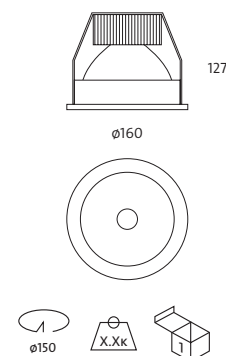
Ref.	Colour	Lamp	W	€	lum.
3001 01 17 85	White	LED	17w	189,72	0.65
3001 02 17 85	Black	LED	17w	193,74	0.65
3001 52 17 85	Chrome matt	LED	17w	193,74	0.65
3001 90 17 85	Titanium	LED	17w	193,74	0.65

* Supplied in a standard manner with lamp 5600° K

OPTIONS LED

IRC / Colour temperature		Rough price increase
Ref. 83	3000°K	39,40
Ref. 84	4100°K	39,40

Rough price increase of accesories		€
Ref. 3005	Matt glass	4,10
Ref. IP65	Gaket for the IP65	19,00



Downlight Led Ledion Medium

Protection degree IP44 / IP65



- Material:** Die casting aluminium
- Optics:** Aluminum reflector. Includes protection glass for IP44.
- Supply:** Driver supplied driver for each type of lamp and wattage.
- Lamps:** Led lamp Bridgelux (USA) 25W. Recommended for domestic, commercial and industrial use.
- Estimated life:** Estimated life span, 30.000 hours.
- Installation:** Ceiling-recessed, fit for all types of modular and plaster ceilings.
- Colours:** White, black, matt chrome and titanium.



Includes protection glass, driver and Led 25W / 1200 lumens

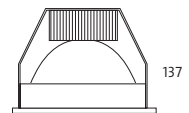
Ref.	Colour	Lamp	W	€	RAEE lum.
3002 01 25 85	White	LED	25w	201,67	0.65
3002 02 25 85	Black	LED	25w	205,89	0.65
3002 52 25 85	Chrome matt	LED	25w	205,89	0.65
3002 90 25 85	Titanium	LED	25w	205,89	0.65

* Supplied in a standard manner with lamp 5600° K

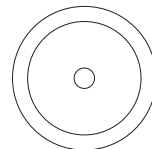
OPTIONS LED

IRC / Colour temperature	Rough price increase
Ref. 83 3000°K	49,20
Ref. 84 4100°K	49,20

Rough price increase of accesories	€
Ref. 3006 Matt glass	4,30
Ref. IP65 Gaket for the IP65	19,00



ø190



Downlight Led Ledión

Protection degree IP44 / IP65



- Material:** Entirely made of aluminum casting.
- Optics:** Aluminum reflector. Includes protection glass for IP44.
- Supply:** Driver supplied for each type of lamp and wattage.
- Lamps:** Led lamp Bridgelux (USA) 29W. Recommended for domestic, commercial and industrial use.
- Estimated life:** Estimated life span, 30.000 hours.
- Installation:** Ceiling-recessed, fit for all types of modular and plaster ceilings.
- Colours:** White, black, matt chrome and titanium.



Includes protection glass, driver and Led 29W / 2000 lumens



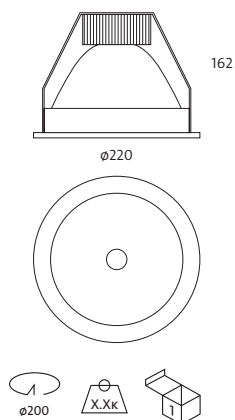
Ref.	Colour	Lamp	W	€	RAEE lum.
3003 01 29 85	White	LED	29w	227,21	0.65
3003 02 29 85	Black	LED	29w	233,29	0.65
3003 52 29 85	Chrome matt	LED	29w	233,29	0.65
3003 90 29 85	Titanium	LED	29w	233,29	0.65

* Supplied in a standard manner with lamp 5600° K



It is easily removed for cleaning.

Rough price increase of accesories	€
Ref. 3007 Matt glass	4,50
Ref. IP65 Gaket for the IP65	19,00

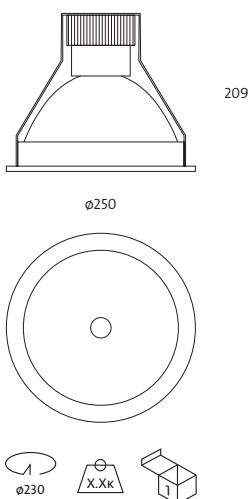


Supraledi3n LED

Protection degree IP44 / IP65



- Material:** Entirely made of aluminum casting.
- Optics:** Aluminum reflector. Includes protection glass for IP44.
- Supply:** Driver supplied for each type of lamp and wattage.
- Lamps:** Led lamp Bridgelux (USA) 50W. Recommended for domestic, commercial and industrial use.
- Estimated life:** Estimated life span, 30.000 hours.
- Installation:** Ceiling-recessed, fit for all types of modular and plaster ceilings.
- Colours:** White, black, matt chrome and titanium.



Supraledi3n LED 50w / 5600°K / 4500 lumens

Includes protection glass, driver and Led 50W / 4500 lumens

Ref.	Colour	Lamp	W	€	RAEE lum.
3172 01 50 85	White	LED	50w	406,02	0.65
3172 02 50 85	Black	LED	50w	426,32	0.65
3172 52 50 85	Chrome matt	LED	50w	426,32	0.65
3172 90 50 85	Titanium	LED	50w	426,32	0.65

Supraledi3n LED 50w / 4100°K / 3500 lumens

Includes protection glass, driver and Led 50W / 3500 lumens

Ref.	Colour	Lamp	W	€	RAEE lum.
3172 01 50 84	White	LED	50w	410,76	0.65
3172 02 50 84	Black	LED	50w	431,30	0.65
3172 52 50 84	Chrome matt	LED	50w	431,30	0.65
3172 90 50 84	Titanium	LED	50w	431,30	0.65

Supraledi3n LED 50w / 3000°K / 3100 lumens

Includes protection glass, driver and Led 50 W / 3100 lumens

Ref.	Colour	Lamp	W	€	RAEE lum.
3172 01 50 83	White	LED	50w	411,58	0.65
3172 02 50 83	Black	LED	50w	432,14	0.65
3172 52 50 83	Chrome matt	LED	50w	432,14	0.65
3172 90 50 83	Titanium	LED	50w	432,14	0.65

Rough price increase of accessories

Ref.	Description	€
Ref. 3007	Matt glass	4,50
Ref. IP65	Gasket for the IP65	19,00

Downlight Led Efital

Protection degree IP44 / IP65




- Material:** Aluminum die casting.
- Optics:** Aluminum reflector. Includes protection glass for IP44.
- Supply:** Driver supplied for each type of lamp and wattage. Optionally available with adjustable driver (Ref. TD).
- Lamps:** Philips LED Fortimo System, recommended for domestic, commercial and industrial use.
- Estimated life:** Estimated life span, 30.000 hours.
- Installation:** Ceiling-recessed, fit for all types of modular and plaster ceilings.
- Colours:** White, black, matt chrome and titanium.

Downlight Led Efital Food. Designed for the food industry because of its excellent CRI and low release of color emissions and ultra-violet rays. Specially recommended for restaurants, supermarkets, and all kind of grocery stores.


Downlight Led Efital 14w / 4000°K / 1100 lumens

Includes protection glass, driver and Led 14w

Ref.	Colour	Lamp	W	€	RAEE lum.
 3010 01 14 84	White	Led	14w	288,60	0.65
3010 02 14 84	Black	Led	14w	297,58	0.65
3010 52 14 84	Chrome matt	Led	14w	297,58	0.65
3010 90 14 84	Titanium	Led	14w	297,58	0.65


Downlight Led Efital 44w / 4000°K / 3000 lumens

Includes protection glass, driver and Led 44w

Ref.	Colour	Lamp	W	€	RAEE lum.
 3194 01 44 84	White	Led	1x44w	453,50	0.65
3194 02 44 84	Black	Led	1x44w	467,11	0.65
3194 52 44 84	Chrome matt	Led	1x44w	467,11	0.65
3194 90 44 84	Titanium	Led	1x44w	467,11	0.65


Downlight Led Efital 16w / 3000°K / 1100 lumens

Includes protection glass, driver and Led 16w

Ref.	Colour	Lamp	W	€	RAEE lum.
 3011 01 16 83	White	Led	16w	295,71	0.65
3011 02 16 83	Black	Led	16w	304,58	0.65
3011 52 16 83	Chrome matt	Led	16w	304,58	0.65
3011 90 16 83	Titanium	Led	16w	304,58	0.65


Downlight Led Efital Food 50w / 3000°K / 1800 lumens

Includes protection glass, driver and Led 50w

Ref.	Colour	Lamp	W	€	RAEE lum.
 3013 01 50 83	White	Led	1x50w	505,00	0.65
3013 02 50 83	Black	Led	1x50w	520,15	0.65
3013 52 50 83	Chrome matt	Led	1x50w	520,15	0.65
3013 90 50 83	Titanium	Led	1x50w	520,15	0.65


Downlight Led Efital 26w / 4000°K / 2000 lumens

Includes protection glass, driver and Led 26w

Ref.	Colour	Lamp	W	€	RAEE lum.
 3012 01 26 84	White	Led	26w	313,22	0.65
3012 02 26 84	Black	Led	26w	322,49	0.65
3012 52 26 84	Chrome matt	Led	26w	322,49	0.65
3012 90 26 84	Titanium	Led	26w	322,49	0.65


Downlight Led Efital Food 50w / 4000°K / 2000 lumens

Includes protection glass, driver and Led 50W

Ref.	Colour	Lamp	W	€	RAEE lum.
 3013 01 50 84	White	Led	1x50w	485,95	0.65
3013 02 50 84	Black	Led	1x50w	500,53	0.65
3013 52 50 84	Chrome matt	Led	1x50w	500,53	0.65
3013 90 50 84	Titanium	Led	1x50w	500,53	0.65


Downlight Led Efital 27w / 3500°K / 2000 lumens

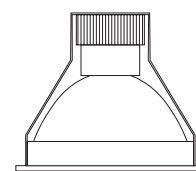
Includes protection glass, driver and Led 27w

Ref.	Colour	Lamp	W	€	RAEE lum.
 3012 01 29 83	White	Led	27w	320,84	0.65
3012 02 29 83	Black	Led	27w	330,46	0.65
3012 52 29 83	Chrome matt	Led	27w	330,46	0.65
3012 90 29 83	Titanium	Led	27w	330,46	0.65

Downlight Led Efital RGB with DMX/ 1100 lumens

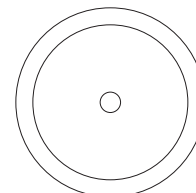
Includes protection glass, driver and Led RGB

Ref.	Colour	Lamp	€	RAEE lum.
 3306 01	White	Led RGB	498,20	0.65
3306 02	Black	Led RGB	499,80	0.65
3306 52	Chrome matt	Led RGB	499,80	0.65
3306 90	Titanium	Led RGB	499,80	0.65



209

ø250



<i>Rough price increase of driver</i>		€
Ref. TD	Monochrome dimmable driver	29,90

<i>Rough price increase of driver</i>		€
Ref. 3307	DMX power connector and controller for RBG. Able to operate up to 30 fittings.	660,00

<i>Rough price increase of accesories</i>		€
Ref. 3166	Matt glass	7,20
Ref. IP65	Gaket for the IP65	19,00



APPLICATIONS FOR FLUORESCENT LAMPS**Chromatic reproduction index (IRC or Ra).**

We use a scale from 0 to 100 to measure how a luminous source can reproduce the aspect of colours towards a "pattern luminous source".

We measure the difference between the colour coming from our luminous source and the real light it would had under normalized light of such a "pattern luminous source".

Colour temperature (Tc)

It is the temperature (Kelvin degrees) reached by a black object when heating up to give out the same light as our luminous source.

There is a normalized chart for colours or wavelengths emitted by a black object or "perfect radiator", according to Kelvin degrees.

Colour temperature indicates the seeming light of a luminous source, there are 3 major groups:

Warm (yellow light): From 2700°K to 3500°K (around)

Neutral: From 3500°K to 4000°K (around)

Cold (White light): From 4000°K to 6000°K (around)

Colour temperature must match lighting levels to create a natural and nice feeling. Such effect can be checked through a diagram called: "Kruithof chart".



Ref. **82** 827 / 2700K° Lamp

Ref. **83** 830 / 3000K° Lamp

Ref. **84** 840 / 4000K° Lamp

Ref. **86** 865 / 6500K° Lamp



Ref. G Control Gear.

Strong ballast, long lasting and economic, guarantees the efficiency of lamps.

Ref. AF Control Gear and condensa High Factor capacitor.

Strong ballast, long lasting and economic, guarantees the efficiency of lamps which together with a capacitor allows to correct the power factor.

Ref. BE Electronic Ballast with preheating.

The use of this ballast means an energetic save of 25% compared with the conventional control gear, which increases the endurance of lamps up to a 50%, which is especially important when there is a lot of on and off switching everyday. It corrects the flow of power and the blinking when functioning with high frequencies. As a result of the low consumption, we reduce the CO2 emission into the atmosphere.

Ref. BR Electronic Dimmable Ballast 1-10v.

With the same characteristics than the electronic ballast with preheating, also allows analogic dimming that lets the user to control the intensity of light from 1% to 100% with the dimmer into the switch.

Ref. TD Electronic Dimmable Ballast Touch and Dim/DALI.

With the same characteristics than the electronic ballast with preheating, also allows dimming with a switch, which lets the adjustment of light as wished. One push to switch on and off, and keep pushed to dimm. Compatible with DALI protocol.

Ref. CF Lighting Flow Control.

With the same characteristics than the electronic ballast with preheating, it is a device which includes a sensor of the lighting needed depending on the surrounding natural light. Its aim is to save energy, compensating the excessive light caused by overdimensioned lighting structure.

This device if attached to the lamp with a simple clip, and is connected to the electronic dimmable ballast 1-10V (ref. BR). Wherever such ballast is connected it will be named as "master", and depending on the amount of light received by the sensor in the master ballast, it can be dimmed up to 20 "slave" ballasts in line. (These should also be electronic dimmable ballast 1 – 10 V). This sensor also has a rotating diaphragm, that allows to adjust manually the light intensity.

Ref. FP Lighting Flow and Presence Control.

With the same characteristics than the electronic ballast with preheating, it is a device based on a multiple sensor (natural light level, movement and IR receiver), and a control which turns sensor information into a digital signal. The Touch & Dali ballast connected to this system will become the "master" ballast. This system can control a maximum of 8 "slave" ballasts (which also have to be electronic dimmable Touch & Dali ballast).

Lamps luminous intensity is regulated according to the amount of natural light and the physical presence, without any type of programming. This system allows adapting automatically delays so that it gradually reduces intensity as it detected empty areas, while keeping a comfortable distribution without umbra. It reaches energy savings of 75%. It also allows varying programming by changing pre-programmed light level with a button in the sensor device adapted to the needs of the installation. It is not necessary to use switches with cables and so, it considerably reduces installation costs. at the same time it increases flexibility in case of changes in distribution and lighting rooms.



Lighting control system
Lighting sensor control system

Technical data	Lighting control system	Lighting sensor control system
	Ref. CF	Ref. FP
Control system according to sunlight light	YES	YES
Movement sensor	NO	YES
IR remote control	NO	YES
Switching	NO	YES
Maximum number of slave units	20	8
Type of ballast	BR	TD
Maximum height of set-up	4 m	3.5 m

Ref. KE Emergency kit .

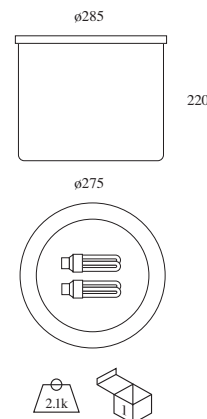
In case of power cut, the emergency kit system allows an easy and safe evacuation of users outside. The system has an internal storage battery in constant charge which able to supply 30% of its power during a maximum of 3 hours.



Supor PL

Protection degree IP20 / IP43

- Material:** Conformed aluminium thermo painted.
- Optics:** Darklight diffuser for Supor Darklight version. It cuts down on the dazzle. Supor PL, it can be supplied with transparent protective glass with serigraphy (Ref. CT 494) or matt glass (Ref. CM 494), for an IP43 protection.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models. Control gear for PL-T lamps from 13 up to 26 watts and electronic ballast for PLT/E lamps 32 /42 watts, are included. Optionally supplied with electronic ballast for PL lamps from 13 up to 26 watts or with domotics sensors systems. Driver for LED lamps.
- Lamps:** It uses low consumption lamps PL from 13 up to 42 watts and LED lamps 14,4w, suitable for domestic and commercial use.
- Installation:** Directly screw on ceiling or on wall (screw not included) or hang up with a suspension (Ref. 1211).
- Colours:** White, black, chrome matt and titanium.



Supor PL surface 1 lamp

Includes control gear and PL lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
003C 01 13	White	PL	G-24d-1	1x13w	88,64	0.65 0.20
003C 02 13	Black	PL	G-24d-1	1x13w	94,28	0.65 0.20
003C 52 13	Chrome matt	PL	G-24d-1	1x13w	94,28	0.65 0.20
003C 90 13	Titanium	PL	G-24d-1	1x13w	94,28	0.65 0.20
003C 01 18	White	PL	G-24d-2	1x18w	88,66	0.65 0.20
003C 02 18	Black	PL	G-24d-2	1x18w	94,30	0.65 0.20
003C 52 18	Chrome matt	PL	G-24d-2	1x18w	94,30	0.65 0.20
003C 90 18	Titanium	PL	G-24d-2	1x18w	94,30	0.65 0.20
003C 01 26	White	PL	G-24d-3	1x26w	88,68	0.65 0.20
003C 02 26	Black	PL	G-24d-3	1x26w	94,32	0.65 0.20
003C 52 26	Chrome matt	PL	G-24d-3	1x26w	94,32	0.65 0.20
003C 90 26	Titanium	PL	G-24d-3	1x26w	94,32	0.65 0.20

* Supplied in a standard manner with 4200° K lamp

Includes electronic ballast and PLT/E lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
003C 01 32	White	PLT/E	GX24Q-3	1x32w	124,95	0.65 0.20
003C 02 32	Black	PLT/E	GX24Q-3	1x32w	128,44	0.65 0.20
003C 52 32	Chrome matt	PLT/E	GX24Q-3	1x32w	128,44	0.65 0.20
003C 90 32	Titanium	PLT/E	GX24Q-3	1x32w	128,44	0.65 0.20
003C 01 42	White	PLT/E	GX24Q-4	1x42w	124,98	0.65 0.20
003C 02 42	Black	PLT/E	GX24Q-4	1x42w	128,72	0.65 0.20
003C 52 42	Chrome matt	PLT/E	GX24Q-4	1x42w	128,72	0.65 0.20
003C 90 42	Titanium	PLT/E	GX24Q-4	1x42w	128,72	0.65 0.20

* Supplied in a standard manner with 4200° K lamp

Supor PL surface 2 lamps

Includes control gear and PL lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
004C 01 13	White	PL	G-24d-1	2x13w	95,13	0.65 0.40
004C 02 13	Black	PL	G-24d-1	2x13w	100,75	0.65 0.40
004C 52 13	Chrome matt	PL	G-24d-1	2x13w	100,75	0.65 0.40
004C 90 13	Titanium	PL	G-24d-1	2x13w	100,75	0.65 0.40
004C 01 18	White	PL	G-24d-2	2x18w	95,15	0.65 0.40
004C 02 18	Black	PL	G-24d-2	2x18w	100,77	0.65 0.40
004C 52 18	Chrome matt	PL	G-24d-2	2x18w	100,77	0.65 0.40
004C 90 18	Titanium	PL	G-24d-2	2x18w	100,77	0.65 0.40
004C 01 26	White	PL	G-24d-3	2x26w	95,17	0.65 0.40
004C 02 26	Black	PL	G-24d-3	2x26w	100,79	0.65 0.40
004C 52 26	Chrome matt	PL	G-24d-3	2x26w	100,79	0.65 0.40
004C 90 26	Titanium	PL	G-24d-3	2x26w	100,79	0.65 0.40

* Supplied in a standard manner with 4200° K lamp

Includes electronic ballast and PLT/E lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
004C 01 32	White	PLT/E	GX24Q-3	2x32w	135,52	0.65 0.40
004C 02 32	Black	PLT/E	GX24Q-3	2x32w	139,29	0.65 0.40
004C 52 32	Chrome matt	PLT/E	GX24Q-3	2x32w	139,29	0.65 0.40
004C 90 32	Titanium	PLT/E	GX24Q-3	2x32w	139,29	0.65 0.40
004C 01 42	White	PLT/E	GX24Q-4	2x42w	135,54	0.65 0.40
004C 02 42	Black	PLT/E	GX24Q-4	2x42w	139,31	0.65 0.40
004C 52 42	Chrome matt	PLT/E	GX24Q-4	2x42w	139,31	0.65 0.40
004C 90 42	Titanium	PLT/E	GX24Q-4	2x42w	139,31	0.65 0.40

* Supplied in a standard manner with 4200° K lamp

OPTIONS	Ref. 82	Ref. 83	Ref. 84
<i>Colour temperature</i>	2700°K	3000°K	4200°K
PL 13w	•	•	•
PL 18w	•	•	•
PL 26w	•	•	•
PLT/E 32w	•	•	•
PLT/E 42w	•	•	•

OPTIONS

<i>Rough price increase of control gear</i>	€	1x13/18/26w	1x32/42w	2X 13/18/26w	2x32/42w
Ref. AF High factor	2,90	€	€	€	€
Ref. BE Electronic ballast		19,00	-	24,00	-
Ref. BR Dimmable ballast 1-10v		85,00	85,00	87,00	87,00
Ref. TD Dimmable ballast Touch and Dim		85,00	85,00	87,00	87,00
Ref. CF Lighting control system "master"		129,00	129,00	136,00	136,00
Ref. FP Lighting sensor control system "master"		275,00	275,00	283,00	283,00
Ref. KE Emergency kit	130,00				

Rough price increase of accessories

	€
Ref. CT 494 Transparent glass with serigraphy	4,36
Ref. CM 494 Matt glass	4,57
Ref. CTT Transparent glass	4,36
Ref. CTP Polycarbonate protection	8,88
Ref. 54 Glass and gasket for the IP54	11,00
Ref. WL Wieland connector	16,30
Ref. 1211 Suspension kit	26,80

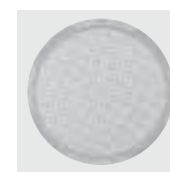
Rough price increase of accessories

	1 lamp	2 lamps
Ref. LED 83 PL LED lamp 14,4w - 3.300°K *	52,00	104,00
Ref. LED 85 PL LED lamp 14,4w - 5.500°K *	52,00	104,00

(*) It includes LED chips Osram Golden Dragon Plus.



Ref. **CTT**
Transparent glass.



Ref. **CT 494**
Trans. glass serigraphy



Ref. **CM 494**
Matt glass.



Ref. **CTP**
Polycarbonate protection.



Ref. **1211**
Suspension kit. Standard version 1 metre length. Made-to-measure possibility.

Example to write a reference with options

Supor PL x1 26w Electronic ballast

Ref. **003C 01 26 82 BE CM494**

White 2700°K Matt glass

Supor PL Darklight surface 1 lamp

Includes control gear and PL lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
005C 01 13	White	PL	G-24d-1	1x13w	119,91	0.65	0.20
005C 02 13	Black	PL	G-24d-1	1x13w	124,23	0.65	0.20
005C 52 13	Chrome matt	PL	G-24d-1	1x13w	124,23	0.65	0.20
005C 90 13	Titanium	PL	G-24d-1	1x13w	124,23	0.65	0.20
005C 01 18	White	PL	G-24d-2	1x18w	119,93	0.65	0.20
005C 02 18	Black	PL	G-24d-2	1x18w	124,25	0.65	0.20
005C 52 18	Chrome matt	PL	G-24d-2	1x18w	124,25	0.65	0.20
005C 90 18	Titanium	PL	G-24d-2	1x18w	124,25	0.65	0.20
005C 01 26	White	PL	G-24d-3	1x26w	119,95	0.65	0.20
005C 02 26	Black	PL	G-24d-3	1x26w	124,27	0.65	0.20
005C 52 26	Chrome matt	PL	G-24d-3	1x26w	124,27	0.65	0.20
005C 90 26	Titanium	PL	G-24d-3	1x26w	124,27	0.65	0.20

* Supplied in a standard manner with 4200° K lamp

Supor PL Darklight surface 2 lamps

Includes control gear and PL lamps



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
006C 01 13	White	PL	G-24d-1	2x13w	125,16	0.65	0.40
006C 02 13	Black	PL	G-24d-1	2x13w	129,49	0.65	0.40
006C 52 13	Chrome matt	PL	G-24d-1	2x13w	129,49	0.65	0.40
006C 90 13	Titanium	PL	G-24d-1	2x13w	129,49	0.65	0.40
006C 01 18	White	PL	G-24d-2	2x18w	125,18	0.65	0.40
006C 02 18	Black	PL	G-24d-2	2x18w	129,51	0.65	0.40
006C 52 18	Chrome matt	PL	G-24d-2	2x18w	129,51	0.65	0.40
006C 90 18	Titanium	PL	G-24d-2	2x18w	129,51	0.65	0.40
006C 01 26	White	PL	G-24d-3	2x26w	125,20	0.65	0.40
006C 02 26	Black	PL	G-24d-3	2x26w	129,53	0.65	0.40
006C 52 26	Chrome matt	PL	G-24d-3	2x26w	129,53	0.65	0.40
006C 90 26	Titanium	PL	G-24d-3	2x26w	129,53	0.65	0.40

* Supplied in a standard manner with 4200° K lamp

Includes electronic ballast and PLT/E lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
005C 01 32	White	PL	GX24Q-3	1x32w	142,16	0.65	0.20
005C 02 32	Black	PL	GX24Q-3	1x32w	145,66	0.65	0.20
005C 52 32	Chrome matt	PL	GX24Q-3	1x32w	145,66	0.65	0.20
005C 90 32	Titanium	PL	GX24Q-3	1x32w	145,66	0.65	0.20
005C 01 42	White	PL	GX24Q-4	1x42w	142,18	0.65	0.20
005C 02 42	Black	PL	GX24Q-4	1x42w	145,68	0.65	0.20
005C 52 42	Chrome matt	PL	GX24Q-4	1x42w	145,68	0.65	0.20
005C 90 42	Titanium	PL	GX24Q-4	1x42w	145,68	0.65	0.20

* Supplied in a standard manner with 4200° K lamp

Includes electronic ballast and PLT/E lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
006C 01 32	White	PL	GX24Q-3	2x32w	152,81	0.65	0.40
006C 02 32	Black	PL	GX24Q-3	2x32w	156,56	0.65	0.40
006C 52 32	Chrome matt	PL	GX24Q-3	2x32w	156,56	0.65	0.40
006C 90 32	Titanium	PL	GX24Q-3	2x32w	156,56	0.65	0.40
006C 01 42	White	PL	GX24Q-4	2x42w	152,83	0.65	0.40
006C 02 42	Black	PL	GX24Q-4	2x42w	156,58	0.65	0.40
006C 52 42	Chrome matt	PL	GX24Q-4	2x42w	156,58	0.65	0.40
006C 90 42	Titanium	PL	GX24Q-4	2x42w	156,58	0.65	0.40

* Supplied in a standard manner with 4200° K lamp



Supor PL Darklight surface 1 LED lamp PL 14,4W

Includes driver and 1 LED lamp 14,4W



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
005C 01 14	White	LED	G-24d-3	1x14,4w	172,21	0.65	0.20
005C 02 14	Black	LED	G-24d-3	1x14,4w	176,53	0.65	0.20
005C 52 14	Chrome matt	LED	G-24d-3	1x14,4w	176,53	0.65	0.20
005C 90 14	Titanium	LED	G-24d-3	1x14,4w	176,53	0.65	0.20

* Supplied in a standard manner with 5400° K lamp

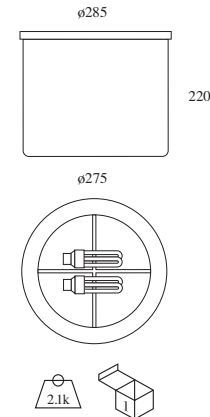
Supor PL Darklight surface 2 LED lamps PL 14,4W

Includes driver and 2 LED lamps 14,4W



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
006C 01 14	White	LED	G-24d-3	2x14,4w	229,72	0.65	0.40
006C 02 14	Black	LED	G-24d-3	2x14,4w	234,05	0.65	0.40
006C 52 14	Chrome matt	LED	G-24d-3	2x14,4w	234,05	0.65	0.40
006C 90 14	Titanium	LED	G-24d-3	2x14,4w	234,05	0.65	0.40

* Supplied in a standard manner with 5400° K lamp



OPTIONS LED PL 14,4w*

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K

(*) It includes LED chips Osram Golden Dragon Plus.

OPTIONS	Ref. 82	Ref. 83	Ref. 84	Ref. 86
IRC / Colour temperature	2700°K	3000°K	4200°K	6500°K
PL 13w	•	•	•	•
PL 18w	•	•	•	•
PL 26w	•	•	•	•
PLT/E 32w	•	•	•	•
PLT/E 42w	•	•	•	•

OPTIONS

Rough price increase of control gear	€	1x13/18/26w	1x32/42w	2X 13/18/26w	2x32/42w
Ref. AF High factor	2,90	€	€	€	€
Ref. BE Electronic ballast	19,00	-	24,00	-	-
Ref. BR Dimmable ballast 1-10v	85,00	85,00	87,00	87,00	87,00
Ref. TD Dimmable ballast Touch and Dim	85,00	85,00	87,00	87,00	87,00
Ref. CF Lighting control system "master"	129,00	129,00	136,00	136,00	136,00
Ref. FP Lighting sensor control system "master"	275,00	275,00	283,00	283,00	283,00
Ref. KE Emergency kit	130,00				



Ref. 1211
Suspension kit. Standard version 1 metre length. Made-to-measure possibility.

Example to write a reference with options

Supor PL Darklight x1 26w Electronic ballast

Ref. **005C 01 26 82 BE**

White 2700°K

Luzco PL

Protection degree IP20 / IP43

- Material:** Steel sheet thermo painted.
- Optics:** Darklight diffuser for Luzco Darklight version. It cuts down on the dazzle. Luzco PL, it can be supplied with transparent protective glass (Ref. CTL) or matt glass (Ref. CML), for an IP43 protection.
- Supply:** Equipments adapted to the type of lamp and to the power needed are included in all the models. Control gear for PL-T lamps from 13 up to 26 watts and electronic ballast for PLT/E lamps 32 /42 watts, are included. Optionally supplied with electronic ballast for PL lamps from 13 up to 26 watts or with domotics sensors systems. Driver for LED lamps.
- Lamps:** It uses low consumption lamps PL from 13 up to 42 watts and LED lamps 14,4w, suitable for domestic and commercial use.
- Installation:** Directly screw on ceiling or on wall (screw not included) or hang up with a suspension (Ref. 1211).
- Colours:** White, black, chrome matt and titanium.



Luzco PL surface 1 lamp

Includes control gear and PL lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
007C 01 13	White	PL	G-24d-1	1x13w	93,52	0.65	0.20
007C 02 13	Black	PL	G-24d-1	1x13w	99,51	0.65	0.20
007C 52 13	Chrome matt	PL	G-24d-1	1x13w	99,51	0.65	0.20
007C 90 13	Titanium	PL	G-24d-1	1x13w	99,51	0.65	0.20
007C 01 18	White	PL	G-24d-2	1x18w	93,54	0.65	0.20
007C 02 18	Black	PL	G-24d-2	1x18w	99,53	0.65	0.20
007C 52 18	Chrome matt	PL	G-24d-2	1x18w	99,53	0.65	0.20
007C 90 18	Titanium	PL	G-24d-2	1x18w	99,53	0.65	0.20
007C 01 26	White	PL	G-24d-3	1x26w	93,56	0.65	0.20
007C 02 26	Black	PL	G-24d-3	1x26w	99,55	0.65	0.20
007C 52 26	Chrome matt	PL	G-24d-3	1x26w	99,55	0.65	0.20
007C 90 26	Titanium	PL	G-24d-3	1x26w	99,55	0.65	0.20

* Supplied in a standard manner with 4200° K lamp

Includes electronic ballast and PLT/E lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
007C 01 32	White	PLT/E	GX24Q-3	1x32w	128,05	0.65	0.20
007C 02 32	Black	PLT/E	GX24Q-3	1x32w	131,55	0.65	0.20
007C 52 32	Chrome matt	PLT/E	GX24Q-3	1x32w	131,55	0.65	0.20
007C 90 32	Titanium	PLT/E	GX24Q-3	1x32w	131,55	0.65	0.20
007C 01 42	White	PLT/E	GX24Q-4	1x42w	128,07	0.65	0.20
007C 02 42	Black	PLT/E	GX24Q-4	1x42w	131,57	0.65	0.20
007C 52 42	Chrome matt	PLT/E	GX24Q-4	1x42w	131,57	0.65	0.20
007C 90 42	Titanium	PLT/E	GX24Q-4	1x42w	131,57	0.65	0.20

* Supplied in a standard manner with 4200° K lamp

Luzco PL surface 2 lamps

Includes control gear and PL lamps

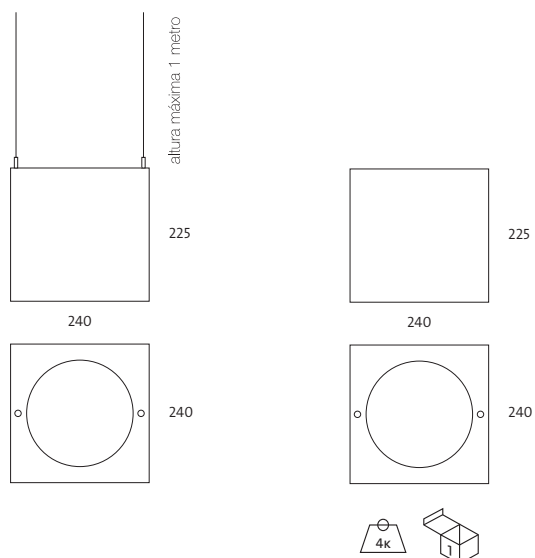
Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
008C 01 13	White	PL	G-24d-1	2x13w	99,74	0.65	0.40
008C 02 13	Black	PL	G-24d-1	2x13w	105,06	0.65	0.40
008C 52 13	Chrome matt	PL	G-24d-1	2x13w	105,06	0.65	0.40
008C 90 13	Titanium	PL	G-24d-1	2x13w	105,06	0.65	0.40
008C 01 18	White	PL	G-24d-2	2x18w	99,76	0.65	0.40
008C 02 18	Black	PL	G-24d-2	2x18w	105,08	0.65	0.40
008C 52 18	Chrome matt	PL	G-24d-2	2x18w	105,08	0.65	0.40
008C 90 18	Titanium	PL	G-24d-2	2x18w	105,08	0.65	0.40
008C 01 26	White	PL	G-24d-3	2x26w	99,77	0.65	0.40
008C 02 26	Black	PL	G-24d-3	2x26w	105,10	0.65	0.40
008C 52 26	Chrome matt	PL	G-24d-3	2x26w	105,10	0.65	0.40
008C 90 26	Titanium	PL	G-24d-3	2x26w	105,10	0.65	0.40

* Supplied in a standard manner with 4200° K lamp

Includes electronic ballast and PLT/E lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
008C 01 32	White	PLT/E	GX24Q-3	2x32w	138,18	0.65	0.40
008C 02 32	Black	PLT/E	GX24Q-3	2x32w	141,76	0.65	0.40
008C 52 32	Chrome matt	PLT/E	GX24Q-3	2x32w	141,76	0.65	0.40
008C 90 32	Titanium	PLT/E	GX24Q-3	2x32w	141,76	0.65	0.40
008C 01 42	White	PLT/E	GX24Q-4	2x42w	138,20	0.65	0.40
008C 02 42	Black	PLT/E	GX24Q-4	2x42w	141,81	0.65	0.40
008C 52 42	Chrome matt	PLT/E	GX24Q-4	2x42w	141,81	0.65	0.40
008C 90 42	Titanium	PLT/E	GX24Q-4	2x42w	141,81	0.65	0.40

* Supplied in a standard manner with 4200° K lamp



OPTIONS	Ref. 82	Ref. 83	Ref. 84	Ref. 86
<i>IRC / Colour temperature</i>	2700°K	3000°K	4200°K	6500°K
PL 13w	•	•	•	•
PL 18w	•	•	•	•
PL 26w	•	•	•	•
PLT/E 32w	•	•	•	
PLT/E 42w	•	•	•	

OPTIONS		€	1x13/18/26w	1x32/42w	2X 13/18/26w	2x32/42w
<i>Rough price increase of control gear</i>						
Ref. AF High factor		2,90	€	€	€	€
Ref. BE Electronic ballast			19,00	-	24,00	-
Ref. BR Dimmable ballast 1-10v			85,00	85,00	87,00	87,00
Ref. TD Dimmable ballast Touch and Dim			85,00	85,00	87,00	87,00
Ref. CF Lighting control system "master"			129,00	129,00	136,00	136,00
Ref. FP Lighting sensor control system "master"			275,00	275,00	283,00	283,00
Ref. KE Emergency kit		130,00				

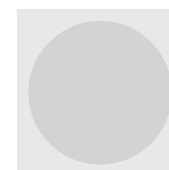
<i>Rough price increase of accesories</i>		€
Ref. CTL Transparent glass Luzco		9,76
Ref. CML Matt glass Luzco		9,88
Ref. 1211 Suspension kit		26,80

<i>Rough price increase of accesories</i>		1 lamp	2 lamps
Ref. LED 83 PL LED lamp 14,4w - 3.300°K *		52,00	104,00
Ref. LED 85 PL LED lamp 14,4w - 5.500°K *		52,00	104,00

(*) It includes LED chips Osram Golden Dragon Plus.



Ref. **CTL**
Transparent glass.



Ref. **CML**
Matt glass.



Ref. **1211**
Suspension kit. Standard version 1 metre length. Made-to-measure possibility.

Example to write a reference with options

Luzco PL 2 lamp. 26w Electronic ballast

Ref. **008C 01 26 83 BE**

White 3000°K

Luzco PL Darklight surface 1 lamp

Includes control gear and PL lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
009C 01 13	White	PL	G-24d-1	1x13w	114,33	0.65	0.20
009C 02 13	Black	PL	G-24d-1	1x13w	118,67	0.65	0.20
009C 52 13	Chrome matt	PL	G-24d-1	1x13w	118,67	0.65	0.20
009C 90 13	Titanium	PL	G-24d-1	1x13w	118,67	0.65	0.20
009C 01 18	White	PL	G-24d-2	1x18w	113,32	0.65	0.20
009C 02 18	Black	PL	G-24d-2	1x18w	118,69	0.65	0.20
009C 52 18	Chrome matt	PL	G-24d-2	1x18w	118,69	0.65	0.20
009C 90 18	Titanium	PL	G-24d-2	1x18w	118,69	0.65	0.20
009C 01 26	White	PL	G-24d-3	1x26w	114,37	0.65	0.20
009C 02 26	Black	PL	G-24d-3	1x26w	118,71	0.65	0.20
009C 52 26	Chrome matt	PL	G-24d-3	1x26w	118,71	0.65	0.20
009C 90 26	Titanium	PL	G-24d-3	1x26w	118,71	0.65	0.20

* Supplied in a standard manner with 4200° K lamp

Includes electronic ballast and PLT/E lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
009C 01 32	White	PLT/E	GX24Q-3	1x32w	148,85	0.65	0.20
009C 02 32	Black	PLT/E	GX24Q-3	1x32w	152,35	0.65	0.20
009C 52 32	Chrome matt	PLT/E	GX24Q-3	1x32w	152,35	0.65	0.20
009C 90 32	Titanium	PLT/E	GX24Q-3	1x32w	152,35	0.65	0.20
009C 01 42	White	PLT/E	GX24Q-4	1x42w	148,85	0.65	0.20
009C 02 42	Black	PLT/E	GX24Q-4	1x42w	152,35	0.65	0.20
009C 52 42	Chrome matt	PLT/E	GX24Q-4	1x42w	152,35	0.65	0.20
009C 90 42	Titanium	PLT/E	GX24Q-4	1x42w	152,35	0.65	0.20

* Supplied in a standard manner with 4200° K lamp

Luzco PL Darklight surface 2 lamps

Includes control gear and PL lamps

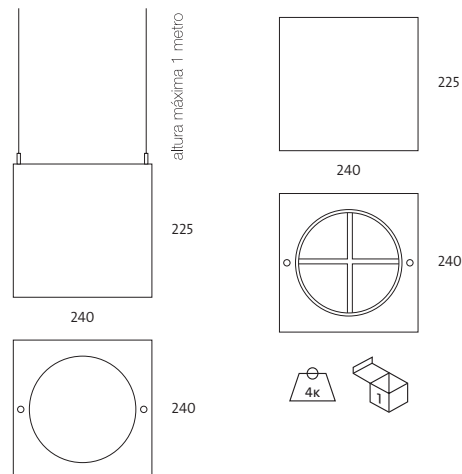
Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
010C 01 13	White	PL	G-24d-1	2x13w	120,44	0.65	0.40
010C 02 13	Black	PL	G-24d-1	2x13w	121,33	0.65	0.40
010C 52 13	Chrome matt	PL	G-24d-1	2x13w	121,33	0.65	0.40
010C 90 13	Titanium	PL	G-24d-1	2x13w	121,33	0.65	0.40
010C 01 18	White	PL	G-24d-2	2x18w	120,46	0.65	0.40
010C 02 18	Black	PL	G-24d-2	2x18w	121,37	0.65	0.40
010C 52 18	Chrome matt	PL	G-24d-2	2x18w	121,37	0.65	0.40
010C 90 18	Titanium	PL	G-24d-2	2x18w	121,37	0.65	0.40
010C 01 26	White	PL	G-24d-3	2x26w	120,48	0.65	0.40
010C 02 26	Black	PL	G-24d-3	2x26w	121,39	0.65	0.40
010C 52 26	Chrome matt	PL	G-24d-3	2x26w	121,39	0.65	0.40
010C 90 26	Titanium	PL	G-24d-3	2x26w	121,39	0.65	0.40

* Supplied in a standard manner with 4200° K lamp

Includes electronic ballast and PLT/E lamp


Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
010C 01 32	White	PLT/E	GX24Q-3	2x32w	158,97	0.65	0.40
010C 02 32	Black	PLT/E	GX24Q-3	2x32w	162,47	0.65	0.40
010C 52 32	Chrome matt	PLT/E	GX24Q-3	2x32w	162,47	0.65	0.40
010C 90 32	Titanium	PLT/E	GX24Q-3	2x32w	162,47	0.65	0.40
010C 01 42	White	PLT/E	GX24Q-4	2x42w	158,99	0.65	0.40
010C 02 42	Black	PLT/E	GX24Q-4	2x42w	162,49	0.65	0.40
010C 52 42	Chrome matt	PLT/E	GX24Q-4	2x42w	162,49	0.65	0.40
010C 90 42	Titanium	PLT/E	GX24Q-4	2x42w	162,49	0.65	0.40

* Supplied in a standard manner with 4200° K lamp



Luzco PL Darklight surface 1 LED lamp PL 14,4W


Includes driver and 1 LED lamp 14,4W

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
 009C 01 14	White	LED	G-24d-3	1x14,4w	166,60	0.65	0.20
009C 02 14	Black	LED	G-24d-3	1x14,4w	170,90	0.65	0.20
009C 52 14	Chrome matt	LED	G-24d-3	1x14,4w	170,90	0.65	0.20
009C 90 14	Titanium	LED	G-24d-3	1x14,4w	170,90	0.65	0.20

* Supplied in a standard manner with 5400° K lamp

Luzco PL Darklight surface 2 LED lamps PL 14,4W

Includes driver and 2 LED lamps 14,4W

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
 010C 01 14	White	LED	G-24d-3	2x14,4w	225,00	0.65	0.40
010C 02 14	Black	LED	G-24d-3	2x14,4w	225,90	0.65	0.40
010C 52 14	Chrome matt	LED	G-24d-3	2x14,4w	225,90	0.65	0.40
010C 90 14	Titanium	LED	G-24d-3	2x14,4w	225,90	0.65	0.40

* Supplied in a standard manner with 5400° K lamp

OPTIONS LED PL 14,4w*

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K

(*) It includes LED chips Osram Golden Dragon Plus.

OPTIONS	Ref. 82	Ref. 83	Ref. 84	Ref. 86
IRC / Colour temperature	2700°K	3000°K	4200°K	6500°K
PL 13w	•	•	•	•
PL 18w	•	•	•	•
PL 26w	•	•	•	•
PLT/E 32w	•	•	•	
PLT/E 42w	•	•	•	

OPTIONS

Rough price increase of control gear	€	1x13/18/26w	1x32/42w	2X 13/18/26w	2x32/42w
Ref. AF High factor	2,90	€	€	€	€
Ref. BE Electronic ballast	19,00	-	24,00	-	-
Ref. BR Dimmable ballast 1-10v	85,00	85,00	87,00	87,00	
Ref. TD Dimmable ballast Touch and Dim	85,00	85,00	87,00	87,00	
Ref. CF Lighting control system "master"	129,00	129,00	136,00	136,00	
Ref. FP Lighting sensor control system "master"	275,00	275,00	283,00	283,00	
Ref. KE Emergency kit	130,00				



Ref. 1211
Suspension kit. Standard version 1 metre length. Made-to-measure possibility.

Example to write a reference with options

Luzco PL darklight 2 lamp. 26w Electronic ballast

Ref. **010C 01 26 83 BE**

White 3000°K

Surface low consumption

Protection degree IP20 / IP43

- Material:** Steel sheet thermo painted.
- Optics:** Optionally supplied with transparent protective glass with serigraphy (Ref. CT) or matt glass (Ref. CM), for an IP43 protection.
- Supply:** Control gear adapted to the power needed is included. Driver for LED lamps.
- Lamps:** It uses 1 or 2 low consumption lamps PL from 13 up to 42 watts and LED lamps 14,4w, suitable for domestic and commercial use.
- Installation:** Directly screw on ceiling or on wall (screw not included).
- Colours:** White, chrome matt and titanium.



Surface low consumption 1 lamp

Includes control gear and PL lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
431 01 84	White	PL	G-23	1x9w	57,89	0.65	0.20
431 52 84	Chrome matt	PL	G-23	1x9w	81,18	0.65	0.20
431 90 84	Titanium	PL	G-23	1x9w	81,18	0.65	0.20
432 01 84	White	PL	G-24d-1	1x13w	57,89	0.65	0.20
432 52 84	Chrome matt	PL	G-24d-1	1x13w	81,18	0.65	0.20
432 90 84	Titanium	PL	G-24d-1	1x13w	81,18	0.65	0.20
433 01 84	White	PL	G-24d-2	1x18w	57,89	0.65	0.20
433 52 84	Chrome matt	PL	G-24d-2	1x18w	81,18	0.65	0.20
433 90 84	Titanium	PL	G-24d-2	1x18w	81,18	0.65	0.20
434 01 84	White	PL	G-24d-3	1x26w	57,89	0.65	0.20
434 52 84	Chrome matt	PL	G-24d-3	1x26w	81,18	0.65	0.20
434 90 84	Titanium	PL	G-24d-3	1x26w	81,18	0.65	0.20

* Supplied in a standard manner with 4200° K lamp

Surface low consumption 2 lamps

Includes control gear and PL lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
435 01 84	White	PL	G-23	2x9w	64,35	0.65	0.40
435 52 84	Chrome matt	PL	G-23	2x9w	87,21	0.65	0.40
435 90 84	Titanium	PL	G-23	2x9w	87,21	0.65	0.40
436 01 84	White	PL	G-24d-1	2x13w	64,35	0.65	0.40
436 52 84	Chrome matt	PL	G-24d-1	2x13w	87,21	0.65	0.40
436 90 84	Titanium	PL	G-24d-1	2x13w	87,21	0.65	0.40
437 01 84	White	PL	G-24d-2	2x18w	64,35	0.65	0.40
437 52 84	Chrome matt	PL	G-24d-2	2x18w	87,21	0.65	0.40
437 90 84	Titanium	PL	G-24d-2	2x18w	87,21	0.65	0.40
438 01 84	White	PL	G-24d-3	2x26w	64,35	0.65	0.40
438 52 84	Chrome matt	PL	G-24d-3	2x26w	87,21	0.65	0.40
438 90 84	Titanium	PL	G-24d-3	2x26w	87,21	0.65	0.40

* Supplied in a standard manner with 4200° K lamp

Surface low consumption 1 LED lamp PL 14,4W

Includes driver and 1 LED lamp 14,4W

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
434 01 14	White	LED	G-24d-3	1x14,4w	110,15	0.65	0.20
434 52 14	Chrome matt	LED	G-24d-3	1x14,4w	133,44	0.65	0.20
434 90 14	Titanium	LED	G-24d-3	1x14,4w	133,44	0.65	0.20

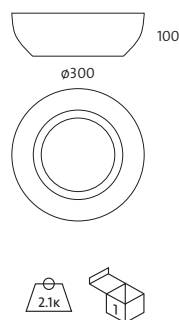
* Supplied in a standard manner with 5400° K lamp

Surface low consumption 2 LED lamps PL 14,4W

Includes driver and 1 LED lamp 14,4W

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
438 01 14	White	LED	G-24d-3	2x14,4w	168,80	0.65	0.40
438 52 14	Chrome matt	LED	G-24d-3	2x14,4w	191,73	0.65	0.40
438 90 14	Titanium	LED	G-24d-3	2x14,4w	191,73	0.65	0.40

* Supplied in a standard manner with 5400° K lamp



Ref. CTT
Transparent glass.

Ref. CT
Transparent glass
with serigraphy



Ref. CM
Matt glass

Ref. CTP
Polycarbonate protection.

OPTIONS	Ref. 82	Ref. 83	Ref. 84
Colour temperature	2700°K	3000°K	4200°K
PL 9w	•	•	•
PL 13w	•	•	•
PL 18w	•	•	•
PL 26w	•	•	•

OPTIONS LED PL 14,4w*

IRC / Colour temperature	
Ref. 83	3300°K
Ref. 85	5400°K

(*) It includes LED chips Osram Golden Dragon Plus.

OPTIONS	1x9w/13w/18w	1x26w	2x9w/13w/18w	2x26w
Rough price increase of control gear	€	€	€	€
Ref. BE Electronic ballast	19,00	19,00	24,00	30,00

OPTIONS	€
Ref. CT Transparent glass with serigraphy	4,36
Ref. CM Matt glass	4,57
Ref. CTT Transparent glass.	4,36
Ref. CTP Polycarbonate protection	8,88

Example to write a reference with options

Surface low consumption 1x9w 3000°K

Ref. **431 90 83 CM**

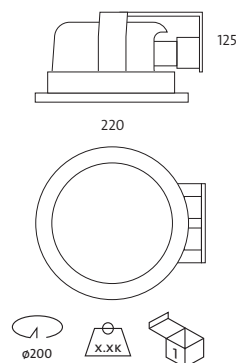
Titanium Matt glass



Ledión PL

Protection degree IP44 /IP65

- Material:** Aluminum die casting.
- Optics:** Aluminum reflector. Includes protection glass for IP44. Optionally supplied with matt protective glass (Ref.3093)
- Supply:** Equipments adapted to the type of lamp and to the power needed are included in all the models. Control gear for PL-T lamps from 13 up to 26 watts and electronic ballast for PLT/E lamps 32 /42 watts, are included. Optionally supplied with electronic ballast for PL lamps from 13 up to 26 watts or with domotics sensors systems.
- Lamps:** It uses low consumption lamps PL from 13 up to 42 watts and LED lamps 14,4w, suitable for domestic and commercial use.
- Installation:** Directly screw on ceiling or on wall (screw not included).
- Colours:** White, black, chrome matt and titanium.



Ledión PL 1 lamp

Includes electronic ballast and PLC-E lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
3072 01 13 84	White	PLC-E G24q-1	1x13w		54,14	0.30	0.20
3072 02 13 84	Black	PLC-E G24q-1	1x13w		60,37	0.30	0.20
3072 52 13 84	Chrome matt	PLC-E G24q-1	1x13w		60,37	0.30	0.20
3072 90 13 84	Titanium	PLC-E G24q-1	1x13w		60,37	0.30	0.20
3072 01 18 84	White	PLC-E G24q-2	1x18w		54,16	0.30	0.20
3072 02 18 84	Black	PLC-E G24q-2	1x18w		60,39	0.30	0.20
3072 52 18 84	Chrome matt	PLC-E G24q-2	1x18w		60,39	0.30	0.20
3072 90 18 84	Titanium	PLC-E G24q-2	1x18w		60,39	0.30	0.20
3072 01 26 84	White	PLC-E G24q-3	1x26w		54,18	0.30	0.20
3072 02 26 84	Black	PLC-E G24q-3	1x26w		60,41	0.30	0.20
3072 52 26 84	Chrome matt	PLC-E G24q-3	1x26w		60,41	0.30	0.20
3072 90 26 84	Titanium	PLC-E G24q-3	1x26w		60,41	0.30	0.20

* Supplied in a standard manner with 4200° K lamp

Includes electronic ballast and lamp PLT-E

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
3072 01 32 84	White	PLT/E GX24Q-3	1x32w		102,89	0.65	0.20
3072 02 32 84	Black	PLT/E GX24Q-3	1x32w		107,53	0.65	0.20
3072 52 32 84	Chrome matt	PLT/E GX24Q-3	1x32w		107,53	0.65	0.20
3072 90 32 84	Titanium	PLT/E GX24Q-3	1x32w		107,53	0.65	0.20
3072 01 42 84	White	PLT/E GX24Q-4	1x42w		102,91	0.65	0.20
3072 02 42 84	Black	PLT/E GX24Q-4	1x42w		107,55	0.65	0.20
3072 52 42 84	Chrome matt	PLT/E GX24Q-4	1x42w		107,55	0.65	0.20
3072 90 42 84	Titanium	PLT/E GX24Q-4	1x42w		107,55	0.65	0.20

* Supplied in a standard manner with 4200° K lamp

Ledión PL 2 lamps

Includes electronic ballast and PLC-E lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
3073 01 13 84	White	PLC-E G24q-1	2x13w		66,76	0.30	0.40
3073 02 13 84	Black	PLC-E G24q-1	2x13w		72,34	0.30	0.40
3073 52 13 84	Chrome matt	PLC-E G24q-1	2x13w		72,34	0.30	0.40
3073 90 13 84	Titanium	PLC-E G24q-1	2x13w		72,34	0.30	0.40
3073 01 18 84	White	PLC-E G24q-2	2x18w		66,76	0.30	0.40
3073 02 18 84	Black	PLC-E G24q-2	2x18w		72,36	0.30	0.40
3073 52 18 84	Chrome matt	PLC-E G24q-2	2x18w		72,36	0.30	0.40
3073 90 18 84	Titanium	PLC-E G24q-2	2x18w		72,36	0.30	0.40
3073 01 26 84	White	PLC-E G24q-3	2x26w		66,80	0.30	0.40
3073 02 26 84	Black	PLC-E G24q-3	2x26w		72,38	0.30	0.40
3073 52 26 84	Chrome matt	PLC-E G24q-3	2x26w		72,38	0.30	0.40
3073 90 26 84	Titanium	PLC-E G24q-3	2x26w		72,38	0.30	0.40

* Supplied in a standard manner with 4200° K lamp

Includes electronic ballast and PLT/E lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
3073 01 32 84	White	PLT/E GX24Q-3	2x32w		123,18	0.65	0.40
3073 02 32 84	Black	PLT/E GX24Q-3	2x32w		130,19	0.65	0.40
3073 52 32 84	Chrome matt	PLT/E GX24Q-3	2x32w		130,19	0.65	0.40
3073 90 32 84	Titanium	PLT/E GX24Q-3	2x32w		130,19	0.65	0.40
3073 01 42 84	White	PLT/E GX24Q-4	2x42w		123,20	0.65	0.40
3073 02 42 84	Black	PLT/E GX24Q-4	2x42w		130,21	0.65	0.40
3073 52 42 84	Chrome matt	PLT/E GX24Q-4	2x42w		130,21	0.65	0.40
3073 90 42 84	Titanium	PLT/E GX24Q-4	2x42w		130,21	0.65	0.40

* Supplied in a standard manner with 4200° K lamp

OPTIONS	Ref. 82	Ref. 83	Ref. 84	Ref. 86
IRC / Colour temperature	2700°K	3000°K	4200°K	6500°K
PL 9w	•	•	•	
PL 13w	•	•	•	•
PL 18w	•	•	•	•
PL 26w	•	•	•	•
PLT/E 32w	•	•	•	
PLT/E 42w	•	•	•	

Rough price increase of control gear		1x9/13/18/26w	1x32/42w	2x9/13/18/26w	2x32/42w
		€	€	€	€
Ref. BR	Dimmable ballast 1-10v	85.00	85.00	87.00	87.00
Ref. TD	Dimmable ballast Touch and Dim	85.00	85.00	87.00	87.00
Ref. CF	Lighting control system "master"	129.00	129.00	136.00	136.00
Ref. FP	Lighting sensor control system "master"	275.00	275.00	283.00	283.00
Ref. KE	Emergency kit	130.00	130.00	130.00	130.00

Rough price increase of accessories		€
Ref. 3092	Transparent glass	3,00
Ref. 3093	Matt glass	3,10
Ref. IP65	Glass and gasket for the IP65	22,00
Ref. WL	Wieland connector	16,30

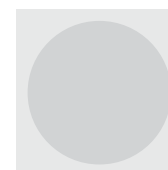
(*) About the 2x42w we recommend to install the downlight without glass protector in order to allow a suitable heat dissipation..

Rough price increase of accessories		1 lamp	2 lamps
Ref. LED 83	PL LED lamp 14,4w - 3.300°K *	52,00	104,00
Ref. LED 85	PL LED lamp 14,4w - 5.500°K *	52,00	104,00

(*) It includes LED chips Osram Golden Dragon Plus.



Ref. 3092
Transparent glass.



Ref. 3093
Matt glass.

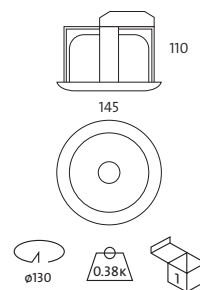
Example to write a reference with options

Ledión BC 18w Dimmable ballast
 Ref. **3072 01 18 84 BR 3093**
 White 4200°K Matt glass

Miniducto PLT

Protection degree IP20 / IP43 / IP 54

- Material:** Aluminium ring and steel sheet body.
- Optics:** Aluminium reflector. It can be supplied with transparent protective glass with serigraphy (Ref. CT 497) or matt glass (Ref. CM 497), for an IP43 protection.
- Supply:** Electronic equipments are included. Ballast carrier boxes or control gear for PLT lamps. Optionally supplied with electronic ballast or with domestic sensors systems. (See the options of the table). Driver for LED lamps.
- Lamps:** It uses low consumption lamps PLT of 13, 18 and 26 watts and LED lamps 7,2w, suitable for domestic and commercial use.
- Accessories:** Optionally supplied with glass and gasket (Ref. IP54) for an IP54 protection.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, chrome, chrome matt and titanium.
By request: 02 black, 03 gold, 04 graphite, 33 gold matt, 55 nickel, 57 nickel matt.



Miniducto PLT

Includes control gear and lamp PLT

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
1448 01 13 84	White	PLT	G24d-1	1x13w	47,38	0.30	0.20
1448 05 13 84	Chrome	PLT	G24d-1	1x13w	51,52	0.30	0.20
1448 52 13 84	Chrome matt	PLT	G24d-1	1x13w	51,52	0.30	0.20
1448 90 13 84	Titanium	PLT	G24d-1	1x13w	51,52	0.30	0.20
1449 01 18 84	White	PLT	G24d-2	1x18w	47,40	0.30	0.20
1449 05 18 84	Chrome	PLT	G24d-2	1x18w	51,54	0.30	0.20
1449 52 18 84	Chrome matt	PLT	G24d-2	1x18w	51,54	0.30	0.20
1449 90 18 84	Titanium	PLT	G24d-2	1x18w	51,54	0.30	0.20
1450 01 26 84	White	PLT	G24d-3	1x26w	48,45	0.30	0.20
1450 90 26 84	Chrome	PLT	G24d-3	1x26w	51,56	0.30	0.20
1450 52 26 84	Chrome matt	PLT	G24d-3	1x26w	51,56	0.30	0.20
1450 90 26 84	Titanium	PLT	G24d-3	1x26w	51,56	0.30	0.20

* Supplied in a standard manner with 4200° K lamp

Miniducto PLT

Includes electronic ballast and lamp PLT

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
497 01 13 84	White	PLT	G24q-1	1x13w	54,59	0.30	0.20
497 05 13 84	Chrome	PLT	G24q-1	1x13w	57,88	0.30	0.20
497 52 13 84	Chrome matt	PLT	G24q-1	1x13w	57,88	0.30	0.20
497 90 13 84	Titanium	PLT	G24q-1	1x13w	57,88	0.30	0.20
497 01 18 84	White	PLT	G24q-2	1x18w	54,69	0.30	0.20
497 05 18 84	Chrome	PLT	G24q-2	1x18w	57,90	0.30	0.20
497 52 18 84	Chrome matt	PLT	G24q-2	1x18w	57,90	0.30	0.20
497 90 18 84	Titanium	PLT	G24q-2	1x18w	57,90	0.30	0.20
497 01 26 84	White	PLT	G24q-3	1x26w	57,78	0.30	0.20
497 05 26 84	Chrome	PLT	G24q-3	1x26w	60,99	0.30	0.20
497 52 26 84	Chrome matt	PLT	G24q-3	1x26w	60,99	0.30	0.20
497 90 26 84	Titanium	PLT	G24q-3	1x26w	60,99	0.30	0.20

* Supplied in a standard manner with 4200° K lamp

OPTIONS	Ref. 82	Ref. 83	Ref. 84
IRC / Colour temperature	2700°K	3000°K	4200°K
PL-T 13W	•	•	•
PL-T 18W	•	•	•
PL-T 26W	•	•	•

Miniducto PL LED 7,2W

Includes driver and 1 LED lamp 7,2W

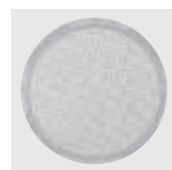
Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
497 01 14	White	LED	G-24d-3	1x7,2w	98,20	0.65	0.20
497 02 14	Black	LED	G-24d-3	1x7,2w	99,86	0.65	0.20
497 52 14	Chrome matt	LED	G-24d-3	1x7,2w	99,86	0.65	0.20
497 90 14	Titanium	LED	G-24d-3	1x7,2w	99,86	0.65	0.20

* Supplied in a standard manner with 5400° K lamp

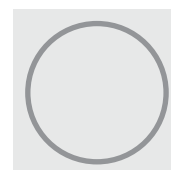
OPTIONS LED PL 14,4w*

IRC / Colour temperature	Ref. 83	Ref. 85
	3300°K	5400°K

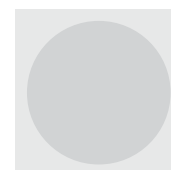
(*) It includes LED chips Osram Golden Dragon Plus.



Ref. **CT 497**
Trans. glass serigraphy



Ref. **54 497**
Glass and gasket for the IP54



Ref. **CM 497**
Matt glass.

Rough price increase of control gear		1x13/18/26w €
Ref. AF	High factor	2.90
Ref. BR	Dimmable ballast 1-10v	85.00
Ref. TD	Dimmable ballast Touch and Dim	85.00
Ref. CF	Lighting control system "master"	129.00
Ref. FP	Lighting sensor control system "master"	275.00
Ref. KE	Emergency kit	130.00

Rough price increase of accesories		€
Ref. CT497	Protection glass transparent serigraphy	1,95
Ref. CM497	Protection glass matt	1,95
Ref. 54 497	Glass and gasket for the IP54	11,00
Ref. WL	Wieland connector	16,30

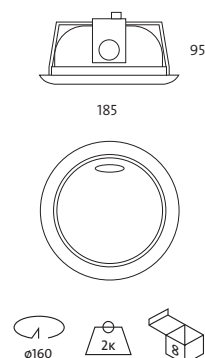
Example to write a reference with options

Miniducto PL	18w	Dimmable ballast
Ref. 497 01 18 84 BR CM497		
White	4200°K	Matt glass

Ducto Medium

Protection degree IP20 / IP43

- Material:** Injected zamak thermo painted.
- Optics:** Highly-reflective aluminium reflector. It can be supplied with transparent protective glass with serigraphy (Ref. CTDM) or matt glass (Ref. CMDM), for an IP43 protection.
- Supply:** Equipments adapted to the type of lamp and to the power needed are included in all the models. Ballast carrier boxes for PL lamps. Optionally supplied with electronic ballast or with domotics sensors systems. (See the options of the table). Driver for LED lamps.
- Lamps:** It uses low consumption lamps PL from 13 up to 26 watts and LED lamps 14,4w, suitable for domestic and commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, gold, chrome, chrome matt and titanium.
By request: 55 nickel, 57 nickel matt.

**Ducto Medium 1 lamp**

Includes control gear and PL-T lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
014 01 13 84	White	PL-T	G24d-1	1x13w	44,41	0.30	0.20
014 03 13 84	Gold	PL-T	G24d-1	1x13w	49,56	0.30	0.20
014 05 13 84	Chrome	PL-T	G24d-1	1x13w	49,56	0.30	0.20
014 52 13 84	Chrome matt	PL-T	G24d-1	1x13w	49,56	0.30	0.20
014 90 13 84	Titanium	PL-T	G24d-1	1x13w	49,56	0.30	0.20
014 01 18 84	White	PL-T	G24d-2	1x18w	44,42	0.30	0.20
014 03 18 84	Gold	PL-T	G24d-2	1x18w	49,57	0.30	0.20
014 05 18 84	Chrome	PL-T	G24d-2	1x18w	49,57	0.30	0.20
014 52 18 84	Chrome matt	PL-T	G24d-2	1x18w	49,57	0.30	0.20
014 90 18 84	Titanium	PL-T	G24d-2	1x18w	49,57	0.30	0.20
014 01 26 84	White	PL-T	G24d-3	1x26w	44,43	0.30	0.20
014 03 26 84	Gold	PL-T	G24d-3	1x26w	49,58	0.30	0.20
014 05 26 84	Chrome	PL-T	G24d-3	1x26w	49,58	0.30	0.20
014 52 26 84	Chrome matt	PL-T	G24d-3	1x26w	49,58	0.30	0.20
014 90 26 84	Titanium	PL-T	G24d-3	1x26w	49,58	0.30	0.20

* Supplied in a standard manner with 4200° K lamp

Ducto Medium 2 lamps

Includes control gear and PL-T lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
015 01 13 84	White	PL-T	G24d-1	2x13w	50,88	0.30	0.40
015 03 13 84	Gold	PL-T	G24d-1	2x13w	57,06	0.30	0.40
015 05 13 84	Chrome	PL-T	G24d-1	2x13w	57,06	0.30	0.40
015 52 13 84	Chrome matt	PL-T	G24d-1	2x13w	57,06	0.30	0.40
015 90 13 84	Titanium	PL-T	G24d-1	2x13w	57,06	0.30	0.40
015 01 18 84	White	PL-T	G24d-2	2x18w	50,89	0.30	0.40
015 03 18 84	Gold	PL-T	G24d-2	2x18w	57,07	0.30	0.40
015 05 18 84	Chrome	PL-T	G24d-2	2x18w	57,07	0.30	0.40
015 52 18 84	Chrome matt	PL-T	G24d-2	2x18w	57,07	0.30	0.40
015 90 18 84	Titanium	PL-T	G24d-2	2x18w	57,07	0.30	0.40
015 01 26 84	White	PL-T	G24d-3	2x26w	50,90	0.30	0.40
015 03 26 84	Gold	PL-T	G24d-3	2x26w	57,08	0.30	0.40
015 05 26 84	Chrome	PL-T	G24d-3	2x26w	57,08	0.30	0.40
015 52 26 84	Chrome matt	PL-T	G24d-3	2x26w	57,08	0.30	0.40
015 90 26 84	Titanium	PL-T	G24d-3	2x26w	57,08	0.30	0.40

* Supplied in a standard manner with 4200° K lamp



OPTIONS	Ref. 82	Ref. 83	Ref. 84
IRC / Colour temperature	2700°K	3000°K	4200°K
PL-T 13W	•	•	•
PL-T 18W	•	•	•
PL-T 26W	•	•	•

Rough price increase of control gear		1x13/18/26w	2x13/18/26w
		€	€
Ref. AF	High factor	2.90	2.90
Ref. BE	Electronic ballast	19.00	24.00
Ref. BR	Dimmable ballast 1-10v	85.00	87.00
Ref. TD	Dimmable ballast Touch and Dim	85.00	87.00
Ref. CF	Lighting control system "master"	129.00	136.00
Ref. FP	Lighting sensor control system "master"	275.00	283.00
Ref. KE	Emergency kit	130.00	130.00

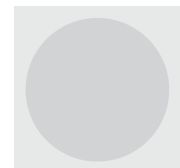
Rough price increase of accesories		€
Ref. CTDM	Transparent glass with serigraphy	4,12
Ref. CMDM	Matt glass	4,22
Ref. IP54	Glass and gaket for the IP54	11,00
Ref. WL	Wieland connector	16,30

Rough price increase of accesories		1 lamp	2 lamps
Ref. LED 83	PL LED lamp 14,4w - 3.300°K *	52,00	104,00
Ref. LED 85	PL LED lamp 14,4w - 5.500°K *	52,00	104,00

(*) It includes LED chips Osram Golden Dragon Plus.



Ref. CTDM
Trans. glass serigraphy



Ref. CMDM
Matt glass.

Example to write a reference with options

Ducto medium 1 lamp. 26w Electronic ballast

Ref. **014 01 26 83 BE CTDM**

White 3000°K Trans. glass serigraphy.

Ducto PL

Protection degree IP20 / IP43

- Material:** Injected zamak thermo painted.
- Optics:** High brightness aluminium reflector. It can be supplied with completely transparent protective glass (Ref. CTT), transparent protective glass with serigraphy (Ref. CT), matt glass (Ref. CM) or polycarbonate protection (Ref. CTP) for an IP43 protection. Optionally supplied with glass and gasket for IP54.
- Supply:** Control gears adapted to the type of lamp and to the power needed are included in all the models. Ballast carrier boxes for PL lamps from 9 up to 26 watts. Optionally supplied with electronic ballast or with domotics sensors systems. (See the options of the table). Driver for LED lamps.
- Lamps:** It uses low consumption lamps PL from 9 up to 26 watts and LED lamps 14,4w, suitable for domestic and commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, black, gold, chrome, chrome matt and titanium.
By request: 04 graphite, 55 nickel, 57 nickel matt.



Ducto 1 lamp

Includes control gear and PL lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
494 01 09 84	White	PL	G23	1x9w	32,49	0.65	0.20
494 02 09 84	Black	PL	G23	1x9w	38,81	0.65	0.20
494 03 09 84	Gold	PL	G23	1x9w	38,81	0.65	0.20
494 05 09 84	Chrome	PL	G23	1x9w	38,81	0.65	0.20
494 52 09 84	Chrome matt	PL	G23	1x9w	38,81	0.65	0.20
494 90 09 84	Titanium	PL	G23	1x9w	38,81	0.65	0.20
494 01 13 84	White	PL	G24d-1	1x13w	32,51	0.65	0.20
494 02 13 84	Black	PL	G24d-1	1x13w	38,83	0.65	0.20
494 03 13 84	Gold	PL	G24d-1	1x13w	38,83	0.65	0.20
494 05 13 84	Chrome	PL	G24d-1	1x13w	38,83	0.65	0.20
494 52 13 84	Chrome matt	PL	G24d-1	1x13w	38,83	0.65	0.20
494 90 13 84	Titanium	PL	G24d-1	1x13w	38,83	0.65	0.20
494 01 18 84	White	PL	G24d-2	1x18w	32,53	0.65	0.20
494 02 18 84	Black	PL	G24d-2	1x18w	38,85	0.65	0.20
494 03 18 84	Gold	PL	G24d-2	1x18w	38,85	0.65	0.20
494 05 18 84	Chrome	PL	G24d-2	1x18w	38,85	0.65	0.20
494 52 18 84	Chrome matt	PL	G24d-2	1x18w	38,85	0.65	0.20
494 90 18 84	Titanium	PL	G24d-2	1x18w	38,85	0.65	0.20
494 01 26 84	White	PL	G24d-3	1x26w	32,55	0.65	0.20
494 02 26 84	Black	PL	G24d-3	1x26w	38,87	0.65	0.20
494 03 26 84	Gold	PL	G24d-3	1x26w	38,87	0.65	0.20
494 05 26 84	Chrome	PL	G24d-3	1x26w	38,87	0.65	0.20
494 52 26 84	Chrome matt	PL	G24d-3	1x26w	38,87	0.65	0.20
494 90 26 84	Titanium	PL	G24d-3	1x26w	38,87	0.65	0.20

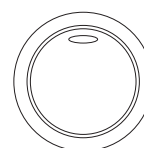
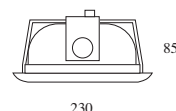
* Supplied in a standard manner with 4200° K lamp

Ducto 2 lamps

Includes control gear and PL lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
495 01 09 84	White	PL	G23	2x9w	39,03	0.65	0.40
495 02 09 84	Black	PL	G23	2x9w	45,25	0.65	0.40
495 03 09 84	Gold	PL	G23	2x9w	45,25	0.65	0.40
495 05 09 84	Chrome	PL	G23	2x9w	45,25	0.65	0.40
495 52 09 84	Chrome matt	PL	G23	2x9w	45,25	0.65	0.40
495 90 09 84	Titanium	PL	G23	2x9w	45,25	0.65	0.40
495 01 13 84	White	PL	G24d-1	2x13w	39,05	0.65	0.40
495 02 13 84	Black	PL	G24d-1	2x13w	45,27	0.65	0.40
495 03 13 84	Gold	PL	G24d-1	2x13w	45,27	0.65	0.40
495 05 13 84	Chrome	PL	G24d-1	2x13w	45,27	0.65	0.40
495 52 13 84	Chrome matt	PL	G24d-1	2x13w	45,27	0.65	0.40
495 90 13 84	Titanium	PL	G24d-1	2x13w	45,27	0.65	0.40
495 01 18 84	White	PL	G24d-2	2x18w	39,07	0.65	0.40
495 02 18 84	Black	PL	G24d-2	2x18w	45,29	0.65	0.40
495 03 18 84	Gold	PL	G24d-2	2x18w	45,29	0.65	0.40
495 05 18 84	Chrome	PL	G24d-2	2x18w	45,29	0.65	0.40
495 52 18 84	Chrome matt	PL	G24d-2	2x18w	45,29	0.65	0.40
495 90 18 84	Titanium	PL	G24d-2	2x18w	45,29	0.65	0.40
495 01 26 84	White	PL	G24d-3	2x26w	39,09	0.65	0.40
495 02 26 84	Black	PL	G24d-3	2x26w	45,32	0.65	0.40
495 03 26 84	Gold	PL	G24d-3	2x26w	45,32	0.65	0.40
495 05 26 84	Chrome	PL	G24d-3	2x26w	45,32	0.65	0.40
495 52 26 84	Chrome matt	PL	G24d-3	2x26w	45,32	0.65	0.40
495 90 26 84	Titanium	PL	G24d-3	2x26w	45,32	0.65	0.40

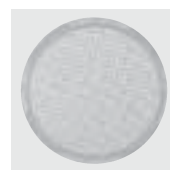
* Supplied in a standard manner with 4200° K lamp



Ref. **CTT**
Transparent glass.



Ref. **CM 494**
Matt glass.



Ref. **CT 494**
Trans. glass serigraphy



Ref. **CTP**
Polycarbonate protection.

OPTIONS	Ref. 82	Ref. 83	Ref. 84	Ref. 86
IRC / Colour temperature	2700°K	3000°K	4200°K	6500°K
PL 9w	•	•	•	
PL 13w	•	•	•	•
PL 18w	•	•	•	•
PL 26w	•	•	•	•

Rough price increase of control gear		1x9/13/18/26w €	2x9/13/18/26w €
Ref. AF	High factor	2.90	2.90
Ref. BE	Electronic ballast	19.00	24.00
Ref. BR	Dimmable ballast 1-10v	85.00	87.00
Ref. TD	Dimmable ballast Touch and Dim	85.00	87.00
Ref. CF	Lighting control system "master"	129.00	136.00
Ref. FP	Lighting sensor control system "master"	275.00	283.00
Ref. KE	Emergency kit	130.00	130.00

Rough price increase of accesories		€
Ref. CT 494	Transparent glass with serigraphy	4,36
Ref. CM 494	Matt glass	4,57
Ref. CTT	Transparent glass	4,36
Ref. CTP	Polycarbonate protection	8,88
Ref. 54	Glass and gaket for the IP54	11,00
Ref. WL	Wieland connector	16,30

Rough price increase of accesories		1 lamp	2 lamps
Ref. LED 83	PL LED lamp 14,4w - 3.300°K *	52,00	104,00
Ref. LED 85	PL LED lamp 14,4w - 5.500°K *	52,00	104,00

(*) It includes LED chips Osram Golden Dragon Plus.

Example to write a reference with options

Ducto PL 2 lamp. 18w Lighting control system

Ref. **495 01 18 84 CF CTP**

White 4200°K Polycarb. protection

Supraducto

Protection degree IP20 / IP43

- Material:** Injected zamak thermo painted.
- Optics:** Faceted aluminium reflector. It can be supplied with completely transparent protective glass (Ref. CTT), transparent protective glass with serigraphy (Ref. CT 494), matt glass (Ref. CM 494), polycarbonate protection (Ref. CTP) for an IP43 protection or darklight accessory.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models. Ballast carrier boxes for PL lamps from 9 up to 26 watts. Electronic ballast for PLR-ECO 14 / 17 watts and PLT/E 32 / 42 watts. Optionally supplied with domotics sensors systems for all the models. (See the options of the table). Driver for LED lamps.
- Lamps:** It uses low consumption lamps PL from 9 up to 26 watts, PLR-ECO 14 / 17 watts, PLT/E 32 / 42 watts and LED lamps 14,4w, suitable for domestic and commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Options:** Available with E-27 lampholder
- Colours:** White, chrome, chrome matt and titanium.
By request: 02 black, 03 gold, 33 gold matt, 55 nickel, 57 níquel.



Supraducto 1 lamp

Includes control gear and PL lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE	
						lum.	lamp.
443 01 09 84	White	PL	G23	1x9w	40,04	0.65	0.20
443 05 09 84	Chrome	PL	G23	1x9w	46,02	0.65	0.20
443 52 09 84	Chrome matt	PL	G23	1x9w	46,02	0.65	0.20
443 90 09 84	Titanium	PL	G23	1x9w	46,02	0.65	0.20
443 01 13 84	White	PL	G24d-1	1x13w	40,06	0.65	0.20
443 05 13 84	Chrome	PL	G24d-1	1x13w	46,04	0.65	0.20
443 52 13 84	Chrome matt	PL	G24d-1	1x13w	46,04	0.65	0.20
443 90 13 84	Titanium	PL	G24d-1	1x13w	46,04	0.65	0.20
443 01 18 84	White	PL	G24d-2	1x18w	40,08	0.65	0.20
443 05 18 84	Chrome	PL	G24d-2	1x18w	46,06	0.65	0.20
443 52 18 84	Chrome matt	PL	G24d-2	1x18w	46,06	0.65	0.20
443 90 18 84	Titanium	PL	G24d-2	1x18w	46,06	0.65	0.20
443 01 26 84	White	PL	G24d-3	1x26w	40,10	0.65	0.20
443 05 26 84	Chrome	PL	G24d-3	1x26w	46,08	0.65	0.20
443 52 26 84	Chrome matt	PL	G24d-3	1x26w	46,08	0.65	0.20
443 90 26 84	Titanium	PL	G24d-3	1x26w	46,08	0.65	0.20

* Supplied in a standard manner with 4200° K lamp

Includes electronic ballast and PLR-ECO lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE	
						lum.	lamp.
443 01 14 84	White	PLR	GR14q-1	1x14w	82,92	0.65	0.20
443 05 14 84	Chrome	PLR	GR14q-1	1x14w	88,96	0.65	0.20
443 52 14 84	Chrome matt	PLR	GR14q-1	1x14w	88,96	0.65	0.20
443 90 14 84	Titanium	PLR	GR14q-1	1x14w	88,96	0.65	0.20
443 01 17 84	White	PLR	GR14q-1	1x17w	82,94	0.65	0.20
443 05 17 84	Chrome	PLR	GR14q-1	1x17w	88,98	0.65	0.20
443 52 17 84	Chrome matt	PLR	GR14q-1	1x17w	88,98	0.65	0.20
443 90 17 84	Titanium	PLR	GR14q-1	1x17w	88,98	0.65	0.20

* Supplied in a standard manner with 4200° K lamp

Includes electronic ballast and PLT/E lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE	
						lum.	lamp.
443 01 32 84	White	PLT/E	GX24Q-3	1x32w	84,07	0.65	0.20
443 05 32 84	Chrome	PLT/E	GX24Q-3	1x32w	90,09	0.65	0.20
443 52 32 84	Chrome matt	PLT/E	GX24Q-3	1x32w	90,09	0.65	0.20
443 90 32 84	Titanium	PLT/E	GX24Q-3	1x32w	90,09	0.65	0.20
443 01 42 84	White	PLT/E	GX24Q-4	1x42w	84,09	0.65	0.20
443 05 42 84	Chrome	PLT/E	GX24Q-4	1x42w	90,11	0.65	0.20
443 52 42 84	Chrome matt	PLT/E	GX24Q-4	1x42w	90,11	0.65	0.20
443 90 42 84	Titanium	PLT/E	GX24Q-4	1x42w	90,11	0.65	0.20

* Supplied in a standard manner with 4200° K lamp

Supraducto 2 lamps

Includes control gear and PL lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE	
						lum.	lamp.
444 01 09 84	White	PL	G23	2x9w	46,16	0.65	0.40
444 05 09 84	Chrome	PL	G23	2x9w	52,46	0.65	0.40
444 52 09 84	Chrome matt	PL	G23	2x9w	52,46	0.65	0.40
444 90 09 84	Titanium	PL	G23	2x9w	52,46	0.65	0.40
444 01 13 84	White	PL	G24d-1	2x13w	46,18	0.65	0.40
444 05 13 84	Chrome	PL	G24d-1	2x13w	52,48	0.65	0.40
444 52 13 84	Chrome matt	PL	G24d-1	2x13w	52,48	0.65	0.40
444 90 13 84	Titanium	PL	G24d-1	2x13w	52,48	0.65	0.40
444 01 18 84	White	PL	G24d-2	2x18w	46,20	0.65	0.40
444 05 18 84	Chrome	PL	G24d-2	2x18w	52,50	0.65	0.40
444 52 18 84	Chrome matt	PL	G24d-2	2x18w	52,50	0.65	0.40
444 90 18 84	Titanium	PL	G24d-2	2x18w	52,50	0.65	0.40
444 01 26 84	White	PL	G24d-3	2x26w	46,22	0.65	0.40
444 05 26 84	Chrome	PL	G24d-3	2x26w	52,53	0.65	0.40
444 52 26 84	Chrome matt	PL	G24d-3	2x26w	52,53	0.65	0.40
444 90 26 84	Titanium	PL	G24d-3	2x26w	52,53	0.65	0.40

* Supplied in a standard manner with 4200° K lamp

Includes electronic ballast and PLR-ECO lamps

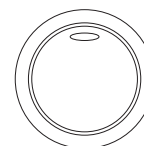
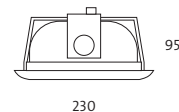
Ref.	Colour	Lamp	L/H	W	€	RAEE	
						lum.	lamp.
444 01 14 84	White	PLR	GR14q-1	2x14w	100,26	0.65	0.40
444 05 14 84	Chrome	PLR	GR14q-1	2x14w	107,18	0.65	0.40
444 52 14 84	Chrome matt	PLR	GR14q-1	2x14w	107,18	0.65	0.40
444 90 14 84	Titanium	PLR	GR14q-1	2x14w	107,18	0.65	0.40
444 01 17 84	White	PLR	GR14q-1	2x17w	100,28	0.65	0.40
444 05 17 84	Chrome	PLR	GR14q-1	2x17w	107,20	0.65	0.40
444 52 17 84	Chrome matt	PLR	GR14q-1	2x17w	107,20	0.65	0.40
444 90 17 84	Titanium	PLR	GR14q-1	2x17w	107,20	0.65	0.40

* Supplied in a standard manner with 4200° K lamp

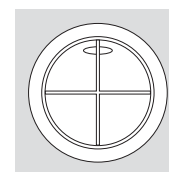
Includes electronic ballast and PLT/E lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE	
						lum.	lamp.
444 01 32 84	White	PLT/E	GX24Q-3	2x32w	102,56	0.65	0.40
444 05 32 84	Chrome	PLT/E	GX24Q-3	2x32w	109,48	0.65	0.40
444 52 32 84	Chrome matt	PLT/E	GX24Q-3	2x32w	109,48	0.65	0.40
444 90 32 84	Titanium	PLT/E	GX24Q-3	2x32w	109,48	0.65	0.40
444 01 42 84	White	PLT/E	GX24Q-4	2x42w	102,58	0.65	0.40
444 05 42 84	Chrome	PLT/E	GX24Q-4	2x42w	109,50	0.65	0.40
444 52 42 84	Chrome matt	PLT/E	GX24Q-4	2x42w	109,50	0.65	0.40
444 90 42 84	Titanium	PLT/E	GX24Q-4	2x42w	109,50	0.65	0.40

* Supplied in a standard manner with 4200° K lamp



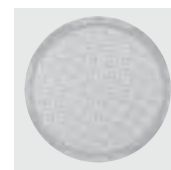
Ref. **CTT**
Transparent glass.



Ref. **1008S**
Darklight Supraducto



Ref. **CM 494**
Matt glass.



Ref. **CT 494**
Trans. glass serigraphy



Ref. **CTP**
Polycarbonate protection.

OPTIONS	Ref. 82	Ref. 83	Ref. 84	Ref. 86
IRC / Colour temperature	2700°K	3000°K	4200°K	6500°K
PL 9w	•	•	•	
PL 13w	•	•	•	•
PLR-ECO 14w		•	•	
PLR-ECO 17w		•	•	
PL 18w	•	•	•	•
PL 26w	•	•	•	•
PLT/E 32w	•	•	•	
PLT/E 42w	•	•	•	

		1x9/13/18/26w	1x14/17/32/42w	2x9/13/18/26w	2x14/17/32/42w
		€	€	€	€
<i>Rough price increase of control gear</i>					
Ref. AF	High factor	2.90	-	2.90	-
Ref. BE	Electronic ballast	19.00	-	24.00	-
Ref. BR	Dimmable ballast 1-10v	85.00	85.00	87.00	87.00
Ref. TD	Dimmable ballast Touch and Dim	85.00	85.00	87.00	87.00
Ref. CF	Lighting control system "master"	129.00	129.00	136.00	136.00
Ref. FP	Lighting sensor control system "master"	275.00	275.00	283.00	283.00
Ref. KE	Emergency kit	130.00	130.00	130.00	130.00

		€	
Ref. CT 494	Transparent glass with serigraphy	4,36	*
Ref. CM 494	Matt glass	4,57	*
Ref. CTT	Transparent glass	4,36	*
Ref. CTP	Polycarbonate protection	8,88	*
Ref. 1008S	Darklight Supraducto	7,90	*
Ref. WL	Wieland connector	16,30	

(*) About the 2x42w we recommend to install the downlight without glass protector in order to allow a suitable heat dissipation..

		1 lamp	2 lamps
Ref. LED 83	PL LED lamp 14,4w - 3.300°K *	52,00	104,00
Ref. LED 85	PL LED lamp 14,4w - 5.500°K *	52,00	104,00

(*) It includes LED chips Osram Golden Dragon Plus.

Example to write a reference with options

Supraducto 1 lamp. 18w Electronic ballast

Ref. **443 01 18 86 BE CTT**

White 6500°K Transparent glass

Efici

Protection degree IP20 / IP44

- Material:** Manufactured entirely in polycarbonate.
- Optics:** Polycarbonate reflector optimized with lighting output simulation software. It can be supplied with darklight accessory (Ref. 1008), transparent protective glass (Ref. CTF) or matt glass (Ref. CMF) for an IP43 protection.
- Supply:** Electronic ballast for 1 or 2 PL lamps, included. Optionally supplied with domotics sensors systems. (See the options of the table). Driver for LED lamps.
- Lamps:** It uses low consumption lamps PL from 13 up to 26 watts, PLR-ECO 14 / 17 watts and PLT/E 32 / 42 watts and LED lamps 14,4w, suitable for domestic and commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, black and chrome matt.



Efici 1 lamp

Includes electronic ballast and PL lamp.

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
404 01 13 84	White	PL	G24q-1	1x13w	77,76	0.65 0.20
404 02 13 84	Black	PL	G24q-1	1x13w	80,87	0.65 0.20
404 52 13 84	Chrome matt	PL	G24q-1	1x13w	80,87	0.65 0.20
404 01 18 84	White	PL	G24q-2	1x18w	77,77	0.65 0.20
404 02 18 84	Black	PL	G24q-2	1x18w	80,89	0.65 0.20
404 52 18 84	Chrome matt	PL	G24q-2	1x18w	80,89	0.65 0.20
404 01 26 84	White	PL	G24q-3	1x26w	77,78	0.65 0.20
404 02 26 84	Black	PL	G24q-3	1x26w	80,90	0.65 0.20
404 52 26 84	Chrome matt	PL	G24q-3	1x26w	80,90	0.65 0.20

* Supplied in a standard manner with 4200° K lamp

Includes electronic ballast and PLR-ECO lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
404 01 14 84	White	PLR	GR14q-1	1x14w	82,79	0.65 0.20
404 02 14 84	Black	PLR	GR14q-1	1x14w	85,88	0.65 0.20
404 52 14 84	Chrome matt	PLR	GR14q-1	1x14w	85,88	0.65 0.20
404 01 17 84	White	PLR	GR14q-1	1x17w	82,80	0.65 0.20
404 02 17 84	Black	PLR	GR14q-1	1x17w	85,89	0.65 0.20
404 52 17 84	Chrome matt	PLR	GR14q-1	1x17w	85,89	0.65 0.20

* Supplied in a standard manner with 4200° K lamp

Includes electronic ballast and PLT/E lamp.

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
404 01 32 84	White	PLT/E	GX24Q-3	1x32w	83,94	0.65 0.20
404 02 32 84	Black	PLT/E	GX24Q-3	1x32w	87,03	0.65 0.20
404 52 32 84	Chrome matt	PLT/E	GX24Q-3	1x32w	87,03	0.65 0.20
404 01 42 84	White	PLT/E	GX24Q-4	1x42w	83,95	0.65 0.20
404 02 42 84	Black	PLT/E	GX24Q-4	1x42w	87,04	0.65 0.20
404 52 42 84	Chrome matt	PLT/E	GX24Q-4	1x42w	87,04	0.65 0.20

* Supplied in a standard manner with 4200° K lamp

Efici 1 LED lamp PL 14,4W

Includes driver and 1 LED lamp 14,4W

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
404 01 144	White	LED	G-24d-3	1x14,4w	129,70	0.65 0.20
404 52 144	Chrome matt	LED	G-24d-3	1x14,4w	132,90	0.65 0.20
404 90 144	Titanium	LED	G-24d-3	1x14,4w	132,90	0.65 0.20

* Supplied in a standard manner with 5400° K lamp

Efici 2 lamps

Includes electronic ballast and PL lamps.

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
405 01 13 84	White	PL	G24q-1	2x13w	88,42	0.65 0.40
405 02 13 84	Black	PL	G24q-1	2x13w	91,56	0.65 0.40
405 52 13 84	Chrome matt	PL	G24q-1	2x13w	91,56	0.65 0.40
405 01 18 84	White	PL	G24q-2	2x18w	88,43	0.65 0.40
405 02 18 84	Black	PL	G24q-2	2x18w	91,57	0.65 0.40
405 52 18 84	Chrome matt	PL	G24q-2	2x18w	91,57	0.65 0.40
405 01 26 84	White	PL	G24q-3	2x26w	88,44	0.65 0.40
405 02 26 84	Black	PL	G24q-3	2x26w	91,58	0.65 0.40
405 52 26 84	Chrome matt	PL	G24q-3	2x26w	91,58	0.65 0.40

* Supplied in a standard manner with 4200° K lamp

Includes electronic ballast and PLR-ECO lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
405 01 14 84	White	PLR	GR14q-1	2x14w	92,96	0.65 0.40
405 02 14 84	Black	PLR	GR14q-1	2x14w	95,89	0.65 0.40
405 52 14 84	Chrome matt	PLR	GR14q-1	2x14w	95,89	0.65 0.40
405 01 17 84	White	PLR	GR14q-1	2x17w	92,97	0.65 0.40
405 02 17 84	Black	PLR	GR14q-1	2x17w	95,90	0.65 0.40
405 52 17 84	Chrome matt	PLR	GR14q-1	2x17w	95,90	0.65 0.40

* Supplied in a standard manner with 4200° K lamp

Includes electronic ballast and PLT/E lamps.

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
405 01 32 84	White	PLT/E	GX24Q-3	2x32w	95,27	0.65 0.40
405 02 32 84	Black	PLT/E	GX24Q-3	2x32w	98,38	0.65 0.40
405 52 32 84	Chrome matt	PLT/E	GX24Q-3	2x32w	98,38	0.65 0.40
405 01 42 84	White	PLT/E	GX24Q-4	2x42w	95,28	0.65 0.40
405 02 42 84	Black	PLT/E	GX24Q-4	2x42w	98,39	0.65 0.40
405 52 42 84	Chrome matt	PLT/E	GX24Q-4	2x42w	98,39	0.65 0.40

* Supplied in a standard manner with 4200° K lamp

Efici 2 LED lamps PL 14,4W

Includes driver and 2 LED lamps 14,4W

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
405 01 144	White	LED	G-24d-3	2x14,4w	192,60	0.65 0.40
405 52 144	Chrome matt	LED	G-24d-3	2x14,4w	195,58	0.65 0.40
405 90 144	Titanium	LED	G-24d-3	2x14,4w	195,58	0.65 0.40

* Supplied in a standard manner with 5400° K lamp



OPTIONS	Ref. 82	Ref. 83	Ref. 84	Ref. 86
<i>IRC / Colour temperature</i>	2700°K	3000°K	4200°K	6500°K
PL 13w	•	•	•	•
PLR-ECO 14w		•	•	
PLR-ECO 17w		•	•	
PL 18w	•	•	•	•
PL 26w	•	•	•	•
PLT/E 32w	•	•	•	
PLT/E 42w	•	•	•	

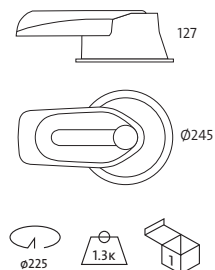
OPTIONS LED PL 14,4w*

<i>IRC / Colour temperature</i>	
Ref. 83	3300°K
Ref. 85	5400°K

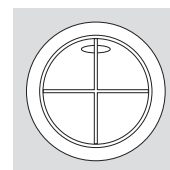
(* It includes LED chips Osram Golden Dragon Plus.

<i>Rough price increase respecto al electronic ballast</i>		1x13/14/17/18/26w	1x32/42w	2x13/14/17/18/26w	2x32/42w
		€	€	€	€
Ref. BR	Dimmable ballast 1-10v	85.00	85.00	87.00	87.00
Ref. TD	Dimmable ballast Touch and Dim	85.00	85.00	87.00	87.00
Ref. CF	Lighting control system "master"	129.00	129.00	136.00	136.00
Ref. FP	Lighting sensor control system "master"	275.00	275.00	283.00	283.00
Ref. KE	Emergency kit	130.00	130.00	130.00	130.00

<i>Rough price increase of accesories</i>		€	
Ref. CTF	Transparent glass efici	4,45	*
Ref. CMF	Matt glass efici	4,64	*
Ref. 1008	Efici Darklight	7,90	
Ref. WL	Wieland connector	16,30	



Ref. CMF
Matt glass

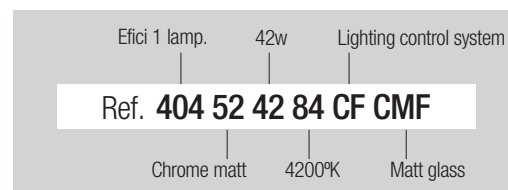


Ref. 1008
Efici Darklight



Ref. CTF
Transparent glass.

Example to write a reference with options



(* About the 2x42w we recommend to install the downlight without glass protector in order to allow a suitable heat dissipation..

Compact PL

Protection degree IP20 / IP43

- Material:** Steel sheet thermo painted.
- Optics:** It can be supplied with transparent protective glass with serigraphy (Ref. CT), matt glass (Ref. CM), completely transparent protective glass (Ref. CTT) and polycarbonate protection (Ref. CTP) for an IP43 protection.
- Supply:** Control gears adapted to the type of lamp and to the power needed are included in all the models. Ballast carrier boxes for PL lamps from 9 up to 26 watts. Optionally supplied with domotics sensors systems for all the models. (See the options of the table). Driver for LED lamps.
- Lamps:** It uses low consumption lamps PL from 9 up to 26 watts and LED lamps 14,4w, suitable for domestic and commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings. Available with electronic ballast
- Colours:** White, gold, chrome matt and titanium.
By request: 02 black, 03 gold, 33 gold matt, 55 nickel, 57 niquel.



Compact PL 1 lamp

Includes control gear and PL lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE	
						lum.	lamp.
421 01 09 84	White	PL	G23	1x9w	32,18	0.65	0.20
421 05 09 84	Chrome	PL	G23	1x9w	38,19	0.65	0.20
421 52 09 84	Chrome matt	PL	G23	1x9w	38,19	0.65	0.20
421 90 09 84	Titanium	PL	G23	1x9w	38,19	0.65	0.20
422 01 13 84	White	PL	G24d-1	1x13w	32,19	0.65	0.20
422 05 13 84	Chrome	PL	G24d-1	1x13w	38,20	0.65	0.20
422 52 13 84	Chrome matt	PL	G24d-1	1x13w	38,20	0.65	0.20
422 90 13 84	Titanium	PL	G24d-1	1x13w	38,20	0.65	0.20
423 01 18 84	White	PL	G24d-2	1x18w	32,20	0.65	0.20
423 05 18 84	Chrome	PL	G24d-2	1x18w	38,21	0.65	0.20
423 52 18 84	Chrome matt	PL	G24d-2	1x18w	38,21	0.65	0.20
423 90 18 84	Titanium	PL	G24d-2	1x18w	38,21	0.65	0.20
424 01 26 84	White	PL	G24d-3	1x26w	32,20	0.65	0.20
424 05 26 84	Chrome	PL	G24d-3	1x26w	38,22	0.65	0.20
424 52 26 84	Chrome matt	PL	G24d-3	1x26w	38,22	0.65	0.20
424 90 26 84	Titanium	PL	G24d-3	1x26w	38,22	0.65	0.20

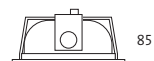
* Supplied in a standard manner with 4200° K lamp

Compact PL 2 lamps

Includes control gear and PL lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE	
						lum.	lamp.
425 01 09 84	White	PL	G23	2x9w	37,59	0.65	0.40
425 05 09 84	Chrome	PL	G23	2x9w	44,49	0.65	0.40
425 52 09 84	Chrome matt	PL	G23	2x9w	44,49	0.65	0.40
425 90 09 84	Titanium	PL	G23	2x9w	44,49	0.65	0.40
426 01 13 84	White	PL	G24d-1	2x13w	37,60	0.65	0.40
426 05 13 84	Chrome	PL	G24d-1	2x13w	44,50	0.65	0.40
426 52 13 84	Chrome matt	PL	G24d-1	2x13w	44,50	0.65	0.40
426 90 13 84	Titanium	PL	G24d-1	2x13w	44,50	0.65	0.40
427 01 18 84	White	PL	G24d-2	2x18w	37,61	0.65	0.40
427 05 18 84	Chrome	PL	G24d-2	2x18w	44,51	0.65	0.40
427 52 18 84	Chrome matt	PL	G24d-2	2x18w	44,51	0.65	0.40
427 90 18 84	Titanium	PL	G24d-2	2x18w	44,51	0.65	0.40
428 01 26 84	White	PL	G24d-3	2x26w	37,62	0.65	0.40
428 05 26 84	Chrome	PL	G24d-3	2x26w	44,52	0.65	0.40
428 52 26 84	Chrome matt	PL	G24d-3	2x26w	44,52	0.65	0.40
428 90 26 84	Titanium	PL	G24d-3	2x26w	44,52	0.65	0.40

* Supplied in a standard manner with 4200° K lamp



220



OPTIONS	Ref. 82	Ref. 83	Ref. 84	Ref. 86
IRC / Colour temperature	2700°K	3000°K	4200°K	6500°K
PL 9w	•	•	•	
PL 13w	•	•	•	•
PL 18w	•	•	•	•
PL 26w	•	•	•	•

Rough price increase of control gear		1x9/13/18/26w €	2x9/13/18/26w €
Ref. AF	High factor	2.90	2.90
Ref. BE	Electronic ballast	19.00	24.00
Ref. BR	Dimmable ballast 1-10v	85.00	87.00
Ref. TD	Dimmable ballast Touch and Dim	85.00	87.00
Ref. CF	Lighting control system "master"	129.00	136.00
Ref. FP	Lighting sensor control system "master"	275.00	283.00
Ref. KE	Emergency kit	130.00	130.00

Rough price increase of accessories		€
Ref. CS240M	Drop glass all matt	25,60
Ref. CS240TM	Drop glass matt in the edge	25,60
Ref. CS240MT	Drop glass matt in the middle	25,60
Ref. CT	Transparent glass with serigraphy	4,36
Ref. CM	Matt glass	4,57
Ref. CTT	Transparent glass	4,36
Ref. CTP	Polycarbonate protection	8,88
Ref. 54	Glass and gasket for the IP54	11,00
Ref. WL	Wieland connector	16,30

Rough price increase of accessories		1 lamp	2 lamps
Ref. LED 83	PL LED lamp 14,4w - 3.300°K *	52,00	104,00
Ref. LED 85	PL LED lamp 14,4w - 5.500°K *	52,00	104,00

(*) It includes LED chips Osram Golden Dragon Plus.



Ref. **CS 240 M**
Drop glass all matt.



Ref. **CS 240 TM**
Drop glass matt in the edge



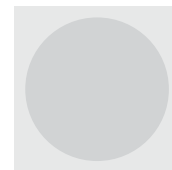
Ref. **CS 240 MT**
Drop glass matt in the middle



Ref. **CTT**
Transparent glass.



Ref. **CT**
Trans. glass serigraphy



Ref. **CM**
Matt glass.



Ref. **CTP**
Polycarbonate protection.

Example to write a reference with options

Compact PL 2 lamp. 13w Lighting control system

Ref. 426 01 13 83 CF CM

White 3000°K Matt glass

Crotek

Protection degree IP20 / IP43

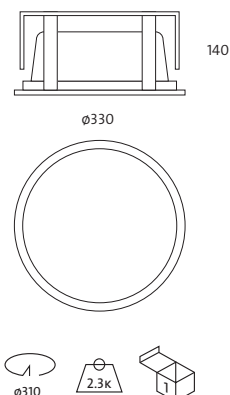
- Material:** Steel sheet thermo painted.
- Optics:** Aluminum faceted reflector. It can be supplied with transparent protective glass with serigraphy (Ref. CT 013) or matt glass (Ref. CM 013) for an IP43 protection.
- Supply:** Electronic ballasts adapted to the type of lamp and to the power needed are included in all the models. Electronic ballast for PLT/E of 32, 42 and 57 watts. Optionally supplied with domotics sensors systems for all the models. (See the options of the table). Driver for LED lamps.
- Lamps:** It uses 2 low consumption lamps PLT/E of 32, 42 and 57 watts and LED lamps 14,4w, suitable for domestic and commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings
- Colours:** White, black, chrome matt and titanium.
By request: 03 gold, 55 nickel, 57 nickel matt.



Includes electronic ballast and PLT/E lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
013 01 32 84	White	PLT/E	GX24Q-3	2x32w	117,95	0.65	0.40
013 02 32 84	Black	PLT/E	GX24Q-3	2x32w	123,80	0.65	0.40
013 52 32 84	Chrome matt	PLT/E	GX24Q-3	2x32w	123,80	0.65	0.40
013 90 32 84	Titanium	PLT/E	GX24Q-3	2x32w	123,80	0.65	0.40
013 01 42 84	White	PLT/E	GX24Q-4	2x42w	117,97	0.65	0.40
013 02 42 84	Black	PLT/E	GX24Q-4	2x42w	123,82	0.65	0.40
013 52 42 84	Chrome matt	PLT/E	GX24Q-4	2x42w	123,82	0.65	0.40
013 90 42 84	Titanium	PLT/E	GX24Q-4	2x42w	123,82	0.65	0.40
013 01 57 84	White	PLT/E	GX24Q-5	2x57w	155,34	0.65	0.40
013 02 57 84	Black	PLT/E	GX24Q-5	2x57w	162,34	0.65	0.40
013 52 57 84	Chrome matt	PLT/E	GX24Q-5	2x57w	162,34	0.65	0.40
013 90 57 84	Titanium	PLT/E	GX24Q-5	2x57w	162,34	0.65	0.40

* Supplied in a standard manner with 4200° K lamp



OPTIONS	Ref. 82	Ref. 83	Ref. 84	Ref. 86
IRC / Colour temperature	2700°K	3000°K	4200°K	6500°K
PLT/E 32	•	•	•	•
PLT/E 42	•	•	•	•
PLT/E 57	•	•	•	•

Rough price increase respecto al electronic ballast		32/42W
		€
Ref. BR	Dimmable ballast 1-10v	87.00
Ref. TD	Dimmable ballast Touch and Dim	87.00
Ref. CF	Lighting control system "master"	136.00
Ref. FP	Lighting sensor control system "master"	283.00
Ref. KE	Emergency kit	130.00

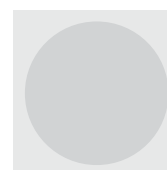
Rough price increase of accesories		€
Ref. CT 013	Transparent glass crotek	9,72
Ref. CM 013	Matt glass crotek	9,82
Ref. WL	Wieland connector	16,30

Rough price increase of accesories		2 lamps
Ref. LED 83	PL LED lamp 14,4w - 3.300°K *	104,00
Ref. LED 85	PL LED lamp 14,4w - 5.500°K *	104,00

(*) It includes LED chips Osram Golden Dragon Plus.

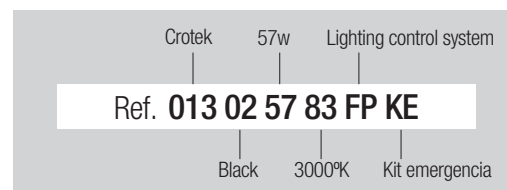


Ref. CT 013
Trans. glass serigraphy



Ref. CM 013
Matt glass.

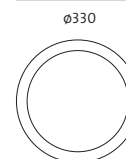
Example to write a reference with options



Downlight 3 PL / Downlight 4 PL

Protection degree IP43

- Material:** Steel sheet thermo painted.
- Optics:** High-brightness and purity, aluminum reflector. It includes protective glass for all the models.
- Supply:** Control gear box for PL of 18 and 26 watts. Optionally supplied with domestic sensors systems for all the models. (See the options of the table). It uses low consumption lamps PL of 18 and 26 watts and LED lamps
- Lamps:** 14,4w, suitable for domestic and commercial use. Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Installation:** Available with electronic ballast. White, black and metallic nickel and titanium.
- Options:** By request: 55 nickel, 57 nickel matt.
- Colours:**



Downlight 3 lamps

Includes protection glass, control gear and PL lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	RAEE lamp.
441 01 18 84	White	PL G24d-2	3x18w	144,87	0.65	0.60	
441 02 18 84	Black	PL G24d-2	3x18w	149,37	0.65	0.60	
441 56 18 84	Níquel metálico	PL G24d-2	3x18w	149,37	0.65	0.60	
441 90 18 84	Titanium	PL G24d-2	3x18w	149,37	0.65	0.60	
442 01 26 84	White	PL G24d-3	3x26w	144,98	0.65	0.60	
442 02 26 84	Black	PL G24d-3	3x26w	149,38	0.65	0.60	
442 56 26 84	Níquel metálico	PL G24d-3	3x26w	149,38	0.65	0.60	
442 56 26 84	Titanium	PL G24d-3	3x26w	149,38	0.65	0.60	

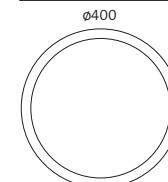
* Supplied in a standard manner with 4200° K lamp

Downlight 4 lamps

Includes protection glass, control gear and PL lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	RAEE lamp.
445 01 18 84	White	PL G24d-2	4x18w	194,27	0.65	0.80	
445 02 18 84	Black	PL G24d-2	4x18w	196,23	0.65	0.80	
445 56 18 84	Níquel metálico	PL G24d-2	4x18w	196,23	0.65	0.80	
445 56 18 84	Titanium	PL G24d-2	4x18w	196,23	0.65	0.80	
446 01 26 84	White	PL G24d-3	4x26w	194,28	0.65	0.80	
446 02 26 84	Black	PL G24d-3	4x26w	196,24	0.65	0.80	
446 56 26 84	Níquel metálico	PL G24d-3	4x26w	196,24	0.65	0.80	
446 90 26 84	Titanium	PL G24d-3	4x26w	196,24	0.65	0.80	

* Supplied in a standard manner with 4200° K lamp



OPTIONS	Ref. 82	Ref. 83	Ref. 84	Ref. 86
IRC / Colour temperature	2700°K	3000°K	4200°K	6500°K
PL 18w	•	•	•	•
PL 26w	•	•	•	•

Rough price increase of control gear		3x18/26	4x18/26
		€	€
Ref. AF	High factor	3,70	5,80
Ref. BE	Electronic ballast	43,00	48,00
Ref. BR	Dimmable ballast 1-10v	172,00	172,00
Ref. TD	Dimmable ballast Touch and Dim	172,00	172,00
Ref. CF	Lighting control system "master"	265,00	272,00
Ref. FP	Lighting sensor control system "master"	558,00	560,00
Ref. KE	Emergency kit	130,00	130,00
Ref. 3067	LED 3w (portalámparas G24d3)	35,00	70,00

Rough price increase of accessories		€
Ref. WL	Wieland connector	16,30

Rough price increase of accessories		3 lamp	4 lamps
Ref. LED 83	PL LED lamp 14,4w - 3.300°K *	156,00	208,00
Ref. LED 85	PL LED lamp 14,4w - 5.500°K *	156,00	208,00

(*) It includes LED chips Osram Golden Dragon Plus.

Example to write a reference with options

Downlight PL 4 lamp. 42w Lighting control system

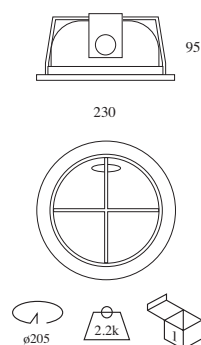
Ref. **446 01 26 82 CF**

White 2700°K

Darklight 1-2-3-4 lamps

Protection degree IP20

- Material:** Steel sheet thermo painted.
- Optics:** High-brightness and purity, aluminum reflector. It includes high brightness diffuser, it guarantees a perfect light screen and a great visual comfort.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models. Control gear box for PL from 9 up to 26 watts. Optionally supplied with domotics sensors systems for all the models. (See the options of the table). Driver for LED lamps.
- Lamps:** It uses low consumption lamps PL from 9 up to 26 watts and LED lamps 14,4w, suitable for domestic and commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Options:** Available with electronic ballast.
- Colours:** Darklight 1-2 lamps: White, gold, chrome, chrome matt and titanium. Darklight 3-4 lamps: White, black and metallic nickel. By request: 55 nickel, 57 nickel matt.

**Darklight 1 lamp**

Includes darklight, control gear and PL lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
471 01 09 84	White	PL G23	1x9w	76,26	0.65	0.20	
471 03 09 84	Gold	PL G23	1x9w	86,72	0.65	0.20	
471 05 09 84	Chrome	PL G23	1x9w	86,72	0.65	0.20	
471 52 09 84	Chrome matt	PL G23	1x9w	86,72	0.65	0.20	
471 90 09 84	Titanium	PL G23	1x9w	86,72	0.65	0.20	
472 01 13 84	White	PL G24d-1	1x13w	76,27	0.65	0.20	
472 03 13 84	Gold	PL G24d-1	1x13w	86,73	0.65	0.20	
472 05 13 84	Chrome	PL G24d-1	1x13w	86,73	0.65	0.20	
472 52 13 84	Chrome matt	PL G24d-1	1x13w	86,73	0.65	0.20	
472 90 13 84	Titanium	PL G24d-1	1x13w	86,73	0.65	0.20	
473 01 18 84	White	PL G24d-2	1x18w	76,28	0.65	0.20	
473 03 18 84	Gold	PL G24d-2	1x18w	86,74	0.65	0.20	
473 05 18 84	Chrome	PL G24d-2	1x18w	86,74	0.65	0.20	
473 52 18 84	Chrome matt	PL G24d-2	1x18w	86,74	0.65	0.20	
473 90 18 84	Titanium	PL G24d-2	1x18w	86,74	0.65	0.20	
474 01 26 84	White	PL G24d-3	1x26w	76,29	0.65	0.20	
474 03 26 84	Gold	PL G24d-3	1x26w	86,75	0.65	0.20	
474 05 26 84	Chrome	PL G24d-3	1x26w	86,75	0.65	0.20	
474 52 26 84	Chrome matt	PL G24d-3	1x26w	86,75	0.65	0.20	
474 90 26 84	Titanium	PL G24d-3	1x26w	86,75	0.65	0.20	

* Supplied in a standard manner with 4200° K lamp

Darklight 2 lamps

Includes darklight, control gear and PL lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
475 01 09 84	White	PL G23	2x9w	90,00	0.65	0.40	
475 03 09 84	Gold	PL G23	2x9w	99,62	0.65	0.40	
475 05 09 84	Chrome	PL G23	2x9w	99,62	0.65	0.40	
475 52 09 84	Chrome matt	PL G23	2x9w	99,62	0.65	0.40	
475 90 09 84	Titanium	PL G23	2x9w	99,62	0.65	0.40	
476 01 13 84	White	PL G24d-1	2x13w	90,01	0.65	0.40	
476 03 13 84	Gold	PL G24d-1	2x13w	99,63	0.65	0.40	
476 05 13 84	Chrome	PL G24d-1	2x13w	99,63	0.65	0.40	
476 52 13 84	Chrome matt	PL G24d-1	2x13w	99,63	0.65	0.40	
476 90 13 84	Titanium	PL G24d-1	2x13w	99,63	0.65	0.40	
477 01 18 84	White	PL G24d-2	2x18w	90,02	0.65	0.40	
477 03 18 84	Gold	PL G24d-2	2x18w	99,64	0.65	0.40	
477 05 18 84	Chrome	PL G24d-2	2x18w	99,64	0.65	0.40	
477 52 18 84	Chrome matt	PL G24d-2	2x18w	99,64	0.65	0.40	
477 90 18 84	Titanium	PL G24d-2	2x18w	99,64	0.65	0.40	
478 01 26 84	White	PL G24d-3	2x26w	90,03	0.65	0.40	
478 03 26 84	Gold	PL G24d-3	2x26w	99,65	0.65	0.40	
478 05 26 84	Chrome	PL G24d-3	2x26w	99,65	0.65	0.40	
478 52 26 84	Chrome matt	PL G24d-3	2x26w	99,65	0.65	0.40	
478 90 26 84	Titanium	PL G24d-3	2x26w	99,65	0.65	0.40	

* Supplied in a standard manner with 4200° K lamp

Darklight 1 LED lamp PL 14,4W

Includes driver and 1 LED lamp 14,4W

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
474 01 14	White	LED G-24d-3	1x14,4w	128,26	0.65	0.20	
474 03 14	Gold	LED G-24d-3	1x14,4w	138,75	0.65	0.20	
474 05 14	Chrome	LED G-24d-3	1x14,4w	138,75	0.65	0.20	
474 52 14	Chrome matt	LED G-24d-3	1x14,4w	138,75	0.65	0.20	
474 90 14	Titanium	LED G-24d-3	1x14,4w	138,75	0.65	0.20	

* Supplied in a standard manner with 5400° K lamp

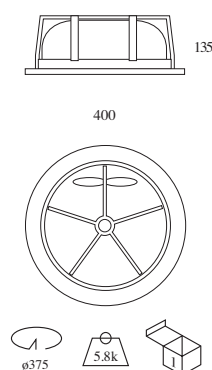
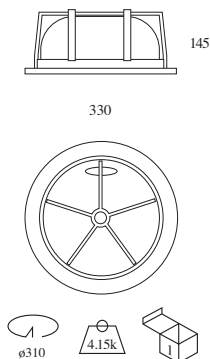
Darklight 2 LED lamps PL 14,4W

Includes driver and 2 LED lamps 14,4W

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
478 01 14	White	LED G-24d-3	2x14,4w	194,03	0.65	0.40	
478 03 14	Gold	LED G-24d-3	2x14,4w	203,65	0.65	0.40	
478 05 14	Chrome	LED G-24d-3	2x14,4w	203,65	0.65	0.40	
478 52 14	Chrome matt	LED G-24d-3	2x14,4w	203,65	0.65	0.40	
478 90 14	Titanium	LED G-24d-3	2x14,4w	203,65	0.65	0.40	

* Supplied in a standard manner with 5400° K lamp

Darklight



Darklight 3 lamps

Includes darklight, control gear and PL lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
479 01 13 84	White	PL G24d-1	3x13w		164,36	0.65 0.60
479 02 13 84	Black	PL G24d-1	3x13w		168,85	0.65 0.60
479 56 13 84	Níquel metálico	PL G24d-1	3x13w		168,85	0.65 0.60
480 01 18 84	White	PL G24d-2	3x18w		164,37	0.65 0.60
480 02 18 84	Black	PL G24d-2	3x18w		168,86	0.65 0.60
480 56 18 84	Níquel metálico	PL G24d-2	3x18w		168,86	0.65 0.60
481 01 26 84	White	PL G24d-3	3x26w		164,38	0.65 0.60
481 02 26 84	Black	PL G24d-3	3x26w		168,87	0.65 0.60
481 56 26 84	Níquel metálico	PL G24d-3	3x26w		168,87	0.65 0.60

* Supplied in a standard manner with 4200° K lamp

Darklight 4 lamps

Includes darklight, control gear and PL lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
482 01 13 84	White	PL G24d-1	4x13w		213,78	0.65 0.80
482 02 13 84	Black	PL G24d-1	4x13w		215,74	0.65 0.80
482 56 13 84	Níquel metálico	PL G24d-1	4x13w		215,74	0.65 0.80
483 01 18 84	White	PL G24d-2	4x18w		213,79	0.65 0.80
483 02 18 84	Black	PL G24d-2	4x18w		215,75	0.65 0.80
483 56 18 84	Níquel metálico	PL G24d-2	4x18w		215,75	0.65 0.80
484 01 26 84	White	PL G24d-3	4x26w		213,80	0.65 0.80
484 02 26 84	Black	PL G24d-3	4x26w		215,76	0.65 0.80
484 56 26 84	Níquel metálico	PL G24d-3	4x26w		215,76	0.65 0.80

* Supplied in a standard manner with 4200° K lamp

Darklight 3 LED lamps PL 14,4W

Includes driver and 1 LED lamp 14,4W

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
481 01 14	White	LED G-24d-3	3x14,4w		320,38	0.65 0.60
481 02 14	Black	LED G-24d-3	3x14,4w		324,80	0.65 0.60
481 56 14	Níquel	LED G-24d-3	3x14,4w		324,80	0.65 0.60

* Supplied in a standard manner with 5400° K lamp

Darklight 4 LED lamps PL 14,4W

Includes driver and 1 LED lamp 14,4W

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
484 01 14	White	LED G-24d-3	4x14,4w		421,80	0.65 0.80
484 02 14	Black	LED G-24d-3	4x14,4w		423,80	0.65 0.80
484 56 14	Níquel	LED G-24d-3	4x14,4w		423,80	0.65 0.80

* Supplied in a standard manner with 5400° K lamp

OPTIONS LED PL 14,4w*

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K

(*) It includes LED chips Osram Golden Dragon Plus.

OPTIONS	Ref. 82	Ref. 83	Ref. 84	Ref. 86
IRC / Colour temperature	2700°K	3000°K	4200°K	6500°K
PL 9w	•	•	•	
PL 13w	•	•	•	•
PL 18w	•	•	•	•
PL 26w	•	•	•	•

		1x9/13/18/26w	2x9/13/18/26w	3x13/18/26w	4x13/18/26w
		€	€	€	€
Ref. AF	High factor	2,90	2,90	3,70	5,80
Ref. BE	Electronic ballast	19,00	24,00	43,00	48,00
Ref. BR	Dimmable ballast 1-10v	85,00	85,00	172,00	174,00
Ref. TD	Dimmable ballast Touch and Dim	85,00	85,00	172,00	174,00
Ref. CF	Lighting control system "master"	129,00	129,00	265,00	272,00
Ref. FP	Lighting sensor control system "master"	275,00	275,00	558,00	560,00
Ref. KE	Emergency kit	130,00	130,00	130,00	130,00

Rough price increase of accessories

Ref. WL	Wieland connector	€	16,30
---------	-------------------	---	-------

Example to write a reference with options

Darklight 3 lamp. 13w Lighting control system

Ref. **479 01 13 84 CF**

White 4200°K

Dendo

Protection degree IP20 / IP43

- Material:** Steel sheet thermo painted.
- Optics:** Aluminum faceted reflector. It can be supplied with transparent protective glass with serigraphy (Ref. CT 494), matt glass (Ref. CM 494) or matt surface glass (Ref. CMD 494) for an IP43 protection.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models. Ballast carrier boxes for PL lamps from 9 up to 26 watts. Electronic ballast for PLR-ECO 14 / 17 watts and PLT/E 32 / 42 watts. Optionally supplied with domotics sensors systems for all the models. (See the options of the table). Driver for LED lamps.
- Lamps:** It uses low consumption lamps PL from 9 up to 26 watts, PLR-ECO 14 / 17 watts and PLT/E 32 / 42 watts and LED lamps 14,4w, suitable for domestic and commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings. It has the advantage of being installed on a round ceiling cut.
- Colours:** White, chrome, chrome matt and titanium.
By request: 02 black, 03 gold, 55 nickel, 57 nickel matt.



Dendo 1 lamp

Includes control gear and PL lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
455 01 09 84	White	PL G23	1x9w	36,50	0.65	0.20	
455 05 09 84	Chrome	PL G23	1x9w	47,66	0.65	0.20	
455 52 09 84	Chrome matt	PL G23	1x9w	47,66	0.65	0.20	
455 90 09 84	Titanium	PL G23	1x9w	47,66	0.65	0.20	
455 01 13 84	White	PL G24d-1	1x13w	36,51	0.65	0.20	
455 05 13 84	Chrome	PL G24d-1	1x13w	47,64	0.65	0.20	
455 52 13 84	Chrome matt	PL G24d-1	1x13w	47,64	0.65	0.20	
455 90 13 84	Titanium	PL G24d-1	1x13w	47,64	0.65	0.20	
455 01 18 84	White	PL G24d-2	1x18w	36,52	0.65	0.20	
455 05 18 84	Chrome	PL G24d-2	1x18w	47,68	0.65	0.20	
455 52 18 84	Chrome matt	PL G24d-2	1x18w	47,68	0.65	0.20	
455 90 18 84	Titanium	PL G24d-2	1x18w	47,68	0.65	0.20	
455 01 26 84	White	PL G24d-3	1x26w	36,52	0.65	0.20	
455 05 26 84	Chrome	PL G24d-3	1x26w	47,69	0.65	0.20	
455 52 26 84	Chrome matt	PL G24d-3	1x26w	47,69	0.65	0.20	
455 90 26 84	Titanium	PL G24d-3	1x26w	47,69	0.65	0.20	

* Supplied in a standard manner with 4200° K lamp

Includes electronic ballast and PLR-ECO lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
455 01 14 84	White	PLR GR14q-1	1x14w	82,40	0.65	0.20	
455 05 14 84	Chrome	PLR GR14q-1	1x14w	95,66	0.65	0.20	
455 52 14 84	Chrome matt	PLR GR14q-1	1x14w	95,66	0.65	0.20	
455 90 14 84	Titanium	PLR GR14q-1	1x14w	95,66	0.65	0.20	
455 01 17 84	White	PLR GR14q-1	1x17w	82,41	0.65	0.20	
455 05 17 84	Chrome	PLR GR14q-1	1x17w	95,67	0.65	0.20	
455 52 17 84	Chrome matt	PLR GR14q-1	1x17w	95,67	0.65	0.20	
455 90 17 84	Titanium	PLR GR14q-1	1x17w	95,67	0.65	0.20	

* Supplied in a standard manner with 4200° K lamp

Includes electronic ballast and PLT/E lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
455 01 32 84	White	PLT/E GX24Q-3	1x32w	83,63	0.65	0.20	
455 05 32 84	Chrome	PLT/E GX24Q-3	1x32w	96,90	0.65	0.20	
455 52 32 84	Chrome matt	PLT/E GX24Q-3	1x32w	96,90	0.65	0.20	
455 90 32 84	Titanium	PLT/E GX24Q-3	1x32w	96,90	0.65	0.20	
455 01 42 84	White	PLT/E GX24Q-4	1x42w	93,94	0.65	0.20	
455 05 42 84	Chrome	PLT/E GX24Q-4	1x42w	96,91	0.65	0.20	
455 52 42 84	Chrome matt	PLT/E GX24Q-4	1x42w	96,91	0.65	0.20	
455 90 42 84	Titanium	PLT/E GX24Q-4	1x42w	96,91	0.65	0.20	

* Supplied in a standard manner with 4200° K lamp

Dendo 2 lamps

Includes control gear and PL lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
456 01 09 84	White	PL G23	2x9w	41,54	0.65	0.40	
456 05 09 84	Chrome	PL G23	2x9w	51,92	0.65	0.40	
456 52 09 84	Chrome matt	PL G23	2x9w	51,92	0.65	0.40	
456 90 09 84	Titanium	PL G23	2x9w	51,92	0.65	0.40	
456 01 13 84	White	PL G24d-1	2x13w	41,55	0.65	0.40	
456 05 13 84	Chrome	PL G24d-1	2x13w	51,93	0.65	0.40	
456 52 13 84	Chrome matt	PL G24d-1	2x13w	51,93	0.65	0.40	
456 90 13 84	Titanium	PL G24d-1	2x13w	51,93	0.65	0.40	
456 01 18 84	White	PL G24d-2	2x18w	41,56	0.65	0.40	
456 05 18 84	Chrome	PL G24d-2	2x18w	51,94	0.65	0.40	
456 52 18 84	Chrome matt	PL G24d-2	2x18w	51,94	0.65	0.40	
456 90 18 84	Titanium	PL G24d-2	2x18w	51,94	0.65	0.40	
456 01 26 84	White	PL G24d-3	2x26w	41,57	0.65	0.40	
456 05 26 84	Chrome	PL G24d-3	2x26w	51,95	0.65	0.40	
456 52 26 84	Chrome matt	PL G24d-3	2x26w	51,95	0.65	0.40	
456 90 26 84	Titanium	PL G24d-3	2x26w	51,95	0.65	0.40	

* Supplied in a standard manner with 4200° K lamp

Includes electronic ballast and PLR-ECO lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
456 01 14 84	White	PLR GR14q-1	2x14w	100,44	0.65	0.40	
456 05 14 84	Chrome	PLR GR14q-1	2x14w	114,20	0.65	0.40	
456 52 14 84	Chrome matt	PLR GR14q-1	2x14w	114,20	0.65	0.40	
456 90 14 84	Titanium	PLR GR14q-1	2x14w	114,20	0.65	0.40	
456 01 17 84	White	PLR GR14q-1	2x17w	100,45	0.65	0.40	
456 05 17 84	Chrome	PLR GR14q-1	2x17w	114,21	0.65	0.40	
456 52 17 84	Chrome matt	PLR GR14q-1	2x17w	114,21	0.65	0.40	
456 90 17 84	Titanium	PLR GR14q-1	2x17w	114,21	0.65	0.40	

* Supplied in a standard manner with 4200° K lamp

Includes electronic ballast and PLT/E lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
456 01 32 84	White	PLT/E GX24Q-3	2x32w	102,75	0.65	0.40	
456 05 32 84	Chrome	PLT/E GX24Q-3	2x32w	116,51	0.65	0.40	
456 52 32 84	Chrome matt	PLT/E GX24Q-3	2x32w	116,51	0.65	0.40	
456 90 32 84	Titanium	PLT/E GX24Q-3	2x32w	116,51	0.65	0.40	
456 01 42 84	White	PLT/E GX24Q-4	2x42w	102,76	0.65	0.40	
456 05 42 84	Chrome	PLT/E GX24Q-4	2x42w	116,52	0.65	0.40	
456 52 42 84	Chrome matt	PLT/E GX24Q-4	2x42w	116,52	0.65	0.40	
456 90 42 84	Titanium	PLT/E GX24Q-4	2x42w	116,52	0.65	0.40	

* Supplied in a standard manner with 4200° K lamp

Dendo 1 LED lamp PL 14,4W

Includes driver and 1 LED lamp 14,4W

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
455 01 14	White	LED	G-24d-3	1x14,4w	88,52	0.65	0.20
455 02 14	Black	LED	G-24d-3	1x14,4w	99,69	0.65	0.20
455 52 14	Chrome matt	LED	G-24d-3	1x14,4w	99,69	0.65	0.20
455 90 14	Titanium	LED	G-24d-3	1x14,4w	99,69	0.65	0.20

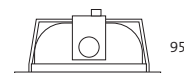
* Supplied in a standard manner with 5400° K lamp

Dendo 2 LED lamps PL 14,4W

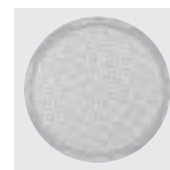
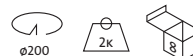
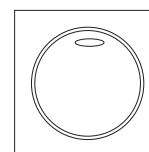
Includes driver and 2 LED lamps 14,4W

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
456 01 14	White	LED	G-24d-3	2x14,4w	155,60	0.65	0.40
456 02 14	Black	LED	G-24d-3	2x14,4w	165,20	0.65	0.40
456 52 14	Chrome matt	LED	G-24d-3	2x14,4w	165,20	0.65	0.40
456 90 14	Titanium	LED	G-24d-3	2x14,4w	165,20	0.65	0.40

* Supplied in a standard manner with 5400° K lamp



238



Ref. **CT 494**
Trans. glass serigraphy



Ref. **CMD 494**
Cristal surface.



Ref. **CM 494**
Matt glass.

OPTIONS LED PL 14,4w*

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K

(*) It includes LED chips Osram Golden Dragon Plus.

OPTIONS	Ref. 82	Ref. 83	Ref. 84	Ref. 86
IRC / Colour temperature	2700°K	3000°K	4200°K	6500°K
PL 9w	•	•	•	
PL 13w	•	•	•	•
PLR-ECO 14w		•	•	
PLR-ECO 17w		•	•	
PL 18w	•	•	•	•
PL 26w	•	•	•	•
PLT/E 32w	•	•	•	
PLT/E 42w	•	•	•	

		1x9/13/18/26w	1x14/17/32/42w	2x9/13/18/26w	2x14/17/32/42w
		€	€	€	€
Ref. AF	High factor	2.90	2.90	2.90	2.90
Ref. BE	Electronic ballast	19.00	-	24.00	-
Ref. BR	Dimmable ballast 1-10v	85.00	85.00	87.00	87.00
Ref. TD	Dimmable ballast Touch and Dim	85.00	85.00	87.00	87.00
Ref. CF	Lighting control system "master"	129.00	129.00	136.00	136.00
Ref. FP	Lighting sensor control system "master"	275.00	275.00	283.00	283.00
Ref. KE	Emergency kit	130.00	130.00	130.00	130.00

		€	
Ref. CT 494	Transparent glass with serigraphy	4,36	*
Ref. CM 494	Matt glass	4,57	*
Ref. CMD 494	Cristal surface	8,20	*
Ref. WL	Wieland connector	16,30	

(*) About the 2x42w we recommend to install the downlight without glass protector in order to allow a suitable heat dissipation.

Example to write a reference with options

Dendo 2 lamp. 42w Lighting control system

Ref. **456 01 42 84 FC CMD494**

White 4200°K Matt glass surface





Zalín

Protection degree IP20 / IP43

- Material:** Steel sheet thermo painted.
- Optics:** Highly-reflective aluminium reflector. It can be supplied with transparent protective internal glass (Ref. CTZ) or matt glass (Ref. CMZ) transparent/matt surface glass (Ref. CTMZS), transparent glass (Ref. CTSZ), matt glass (Ref. CMSZ) and transparent/matt glass (Ref. CMTZS) for an IP43 protection. (2x42 watts power should be installed without protective glass for an optimal thermal dissipation).
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models. Ballast carrier boxes for PL lamps from 9 up to 26 watts. Electronic ballast for PLT/E 32 / 42 watts. Optionally supplied with electronic ballast or with domotics sensors systems for all the models. (See the options of the table). Driver for LED lamps.
- Lamps:** It uses low consumption lamps PL from 9 up to 26 watts and PLT/E lamps 32 /42 watts and LED lamps 14,4w, suitable for domestic and commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings..
- Colours:** White, chrome, chrome matt and titanium.
By request: 02 black, 03 gold, 55 nickel, 57 nickel matt.



Zalín 1 lamp

Includes control gear and PL lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
439 01 09 84	White	PL G23	1x9w	82,77	0.65	0.20	
439 05 09 84	Chrome	PL G23	1x9w	96,77	0.65	0.20	
439 52 09 84	Chrome matt	PL G23	1x9w	96,77	0.65	0.20	
439 90 09 84	Titanium	PL G23	1x9w	96,77	0.65	0.20	
439 01 13 84	White	PL G24d-1	1x13w	82,79	0.65	0.20	
439 05 13 84	Chrome	PL G24d-1	1x13w	96,79	0.65	0.20	
439 52 13 84	Chrome matt	PL G24d-1	1x13w	96,79	0.65	0.20	
439 90 13 84	Titanium	PL G24d-1	1x13w	96,79	0.65	0.20	
439 01 18 84	White	PL G24d-2	1x18w	82,81	0.65	0.20	
439 05 18 84	Chrome	PL G24d-2	1x18w	96,82	0.65	0.20	
439 52 18 84	Chrome matt	PL G24d-2	1x18w	96,82	0.65	0.20	
439 90 18 84	Titanium	PL G24d-2	1x18w	96,82	0.65	0.20	
439 01 26 84	White	PL G24d-3	1x26w	82,83	0.65	0.20	
439 05 26 84	Chrome	PL G24d-3	1x26w	96,84	0.65	0.20	
439 52 26 84	Chrome matt	PL G24d-3	1x26w	96,84	0.65	0.20	
439 90 26 84	Titanium	PL G24d-3	1x26w	96,84	0.65	0.20	

* Supplied in a standard manner with 4200° K lamp

Includes electronic ballast and PLT/E lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
439 01 32 84	White	PLT/E GX24Q-3	1x32w	129,91	0.65	0.20	
439 05 32 84	Chrome	PLT/E GX24Q-3	1x32w	145,99	0.65	0.20	
439 52 32 84	Chrome matt	PLT/E GX24Q-3	1x32w	145,99	0.65	0.20	
439 90 32 84	Titanium	PLT/E GX24Q-3	1x32w	145,99	0.65	0.20	
439 01 42 84	White	PLT/E GX24Q-4	1x42w	129,93	0.65	0.20	
439 05 42 84	Chrome	PLT/E GX24Q-4	1x42w	146,00	0.65	0.20	
439 52 42 84	Chrome matt	PLT/E GX24Q-4	1x42w	146,00	0.65	0.20	
439 90 42 84	Titanium	PLT/E GX24Q-4	1x42w	146,00	0.65	0.20	

* Supplied in a standard manner with 4200° K lamp

Zalín 2 lamps

Includes control gear and PL lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
440 01 09 84	White	PL G23	2x9w	85,53	0.65	0.40	
440 05 09 84	Chrome	PL G23	2x9w	103,10	0.65	0.40	
440 52 09 84	Chrome matt	PL G23	2x9w	103,10	0.65	0.40	
440 90 09 84	Titanium	PL G23	2x9w	103,11	0.65	0.40	
440 01 13 84	White	PL G24d-1	2x13w	85,54	0.65	0.40	
440 05 13 84	Chrome	PL G24d-1	2x13w	103,12	0.65	0.40	
440 52 13 84	Chrome matt	PL G24d-1	2x13w	103,12	0.65	0.40	
440 90 13 84	Titanium	PL G24d-1	2x13w	103,13	0.65	0.40	
440 01 18 84	White	PL G24d-2	2x18w	85,55	0.65	0.40	
440 05 18 84	Chrome	PL G24d-2	2x18w	103,14	0.65	0.40	
440 52 18 84	Chrome matt	PL G24d-2	2x18w	103,14	0.65	0.40	
440 90 18 84	Titanium	PL G24d-2	2x18w	103,15	0.65	0.40	
440 01 26 84	White	PL G24d-3	2x26w	85,56	0.65	0.40	
440 05 26 84	Chrome	PL G24d-3	2x26w	103,16	0.65	0.40	
440 52 26 84	Chrome matt	PL G24d-3	2x26w	103,16	0.65	0.40	
440 90 26 84	Titanium	PL G24d-3	2x26w	103,17	0.65	0.40	

* Supplied in a standard manner with 4200° K lamp

Includes electronic ballast and PLT/E lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
440 01 32 84	White	PLT/E GX24Q-3	2x32w	148,93	0.65	0.40	
440 05 32 84	Chrome	PLT/E GX24Q-3	2x32w	166,09	0.65	0.40	
440 52 32 84	Chrome matt	PLT/E GX24Q-3	2x32w	166,09	0.65	0.40	
440 90 32 84	Titanium	PLT/E GX24Q-3	2x32w	166,09	0.65	0.40	
440 01 42 84	White	PLT/E GX24Q-4	2x42w	148,94	0.65	0.40	
440 05 42 84	Chrome	PLT/E GX24Q-4	2x42w	166,10	0.65	0.40	
440 52 42 84	Chrome matt	PLT/E GX24Q-4	2x42w	166,10	0.65	0.40	
440 90 42 84	Titanium	PLT/E GX24Q-4	2x42w	161,11	0.65	0.40	

* Supplied in a standard manner with 4200° K lamp

Zalín 1 LED lamp PL 14,4W

Includes driver and 1 LED lamp 14,4W

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
439 01 14	White	LED	G-24d-3	1x14,4w	134,70	0.65	0.20
439 05 14	Chrome	LED	G-24d-3	1x14,4w	148,60	0.65	0.20
439 52 14	Chrome matt	LED	G-24d-3	1x14,4w	148,60	0.65	0.20
439 90 14	Titanium	LED	G-24d-3	1x14,4w	148,60	0.65	0.20

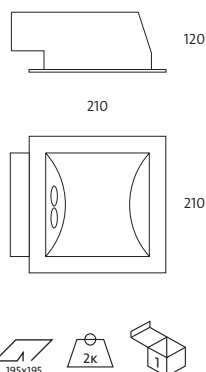
* Supplied in a standard manner with 5400° K lamp

Zalín 2 LED lamps PL 14,4W

Includes driver and 2 LED lamps 14,4W

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
440 01 14	White	LED	G-24d-3	2x14,4w	189,50	0.65	0.40
440 05 14	Chrome	LED	G-24d-3	2x14,4w	207,15	0.65	0.40
440 52 14	Chrome matt	LED	G-24d-3	2x14,4w	207,15	0.65	0.40
440 90 14	Titanium	LED	G-24d-3	2x14,4w	207,15	0.65	0.40

* Supplied in a standard manner with 5400° K lamp



Accessories

- Ref. CTZ Internal transparent glass
- Ref. CMZ Internal matt glass
- Ref. CTMZS Transparent glass/matt surface.
- Ref. CTSZ Transparent glass surface.
- Ref. CMSZ Matt glass surface.
- Ref. CMTZS Transparent glass/matt surface

OPTIONS LED PL 14,4w*

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K

(*) It includes LED chips Osram Golden Dragon Plus.

OPTIONS	Ref. 82	Ref. 83	Ref. 84	Ref. 86
IRC / Colour temperature	2700°K	3000°K	4200°K	6500°K
PL 9w	•	•	•	
PL 13w	•	•	•	•
PL 18w	•	•	•	•
PL 26w	•	•	•	•
PLT/E 32w	•	•	•	
PLT/E 42w	•	•	•	

		1x9/13/18/26w	1x32/42w	2x9/13/18/26w	2x32/42w
		€	€	€	€
Ref. AF	High factor	2.90	-	2.90	-
Ref. BE	Electronic ballast	19.00	-	24.00	-
Ref. BR	Dimmable ballast 1-10v	85.00	85.00	87.00	87.00
Ref. TD	Dimmable ballast Touch and Dim	85.00	85.00	87.00	87.00
Ref. CF	Lighting control system "master"	129.00	129.00	136.00	136.00
Ref. FP	Lighting sensor control system "master"	275.00	275.00	283.00	283.00
Ref. KE	Emergency kit	130.00	130.00	130.00	130.00

		€	
Ref. CTZ	Internal transparent glass	5,05	*
Ref. CMZ	Internal matt glass	5,25	*
Ref. CTMZS	Transparent glass/matt surface	5,94	*
Ref. CTSZ	Transparent glass surface	5,94	*
Ref. CMSZ	Matt glass surface	5,94	*
Ref. CMTZS	Matt glass/transparente suspendido	7,52	*
Ref. WL	Wieland connector	16,30	

(*) About the 2x42w we recommend to install the downlight without glass protector in order to allow a suitable heat dissipation.

Example to write a reference with options

Zalín 2 lamp. 42w Lighting control system

Ref. 440 01 42 83 CF CMSZ

White 3000°K Matt glass surface

Sato

Protection degree IP20 / IP43

- Material:** Steel sheet thermo painted.
- Optics:** Highly-reflective aluminium reflector. It can be supplied with transparent protective glass (Ref. ST), matt glass (Ref. SM) or transparent/matt glass (Ref. STM) for an IP43 protection.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models. Ballast carrier boxes for PL lamps from 13 up to 26 watts. Electronic ballast for PLR-ECO 14 / 17 watts and PLT/E 32 / 42 watts. Optionally supplied with electronic ballast or with domotics sensors systems for all the models. (see the options of the table). Equipment for metal halide lamp in the SATO HQI model. Driver for LED lamps.
- Lamps:** It uses low consumption lamps PL from 13 up to 26 watts, PLR-ECO 14 / 17 watts and PLT/E 32 / 42 watts and LED lamps 14,4w, suitable for domestic and commercial use. HQI lamps of 70 / 150 watts, proposed for commercial areas and group facilities in which is necessary a high lighting level.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings. It has the advantage of being installed on a round ceiling cut.
- Colours:** White, chrome, chrome matt and titanium.
By request: 02 black, 03 gold, 55 nickel, 57 nickel matt.



Sato PL 1 lamp

Includes control gear and PL lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
018 01 13 84	White	PL	G24d-1	13w	67,77	0.65 0.20
018 05 13 84	Chrome	PL	G24d-1	13w	78,91	0.65 0.20
018 52 13 84	Chrome matt	PL	G24d-1	13w	78,91	0.65 0.20
018 90 13 84	Titanium	PL	G24d-1	13w	78,91	0.65 0.20
018 01 18 84	White	PL	G24d-2	18w	67,79	0.65 0.20
018 05 18 84	Chrome	PL	G24d-2	18w	78,93	0.65 0.20
018 52 18 84	Chrome matt	PL	G24d-2	18w	78,93	0.65 0.20
018 90 18 84	Titanium	PL	G24d-2	18w	78,93	0.65 0.20
018 01 26 84	White	PL	G24d-3	26w	67,81	0.65 0.20
018 05 26 84	Chrome	PL	G24d-3	26w	78,95	0.65 0.20
018 52 26 84	Chrome matt	PL	G24d-3	26w	78,95	0.65 0.20
018 90 26 84	Titanium	PL	G24d-3	26w	78,95	0.65 0.20

* Supplied in a standard manner with 4200° K lamp

Includes electronic ballast and PLR-ECO lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
018 01 14 84	White	PLR	GR14q-1	1x14w	110,76	0.65 0.20
018 05 14 84	Chrome	PLR	GR14q-1	1x14w	119,66	0.65 0.20
018 52 14 84	Chrome matt	PLR	GR14q-1	1x14w	119,66	0.65 0.20
018 90 14 84	Titanium	PLR	GR14q-1	1x14w	119,66	0.65 0.20
018 01 17 84	White	PLR	GR14q-1	1x17w	110,76	0.65 0.20
018 05 17 84	Chrome	PLR	GR14q-1	1x17w	119,66	0.65 0.20
018 52 17 84	Chrome matt	PLR	GR14q-1	1x17w	119,66	0.65 0.20
018 90 17 84	Titanium	PLR	GR14q-1	1x17w	119,66	0.65 0.20

* Supplied in a standard manner with 4200° K lamp

Includes electronic ballast and PLT/E lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
018 01 32 84	White	PL-T	GX24Q-3	1x32w	111,91	0.65 0.20
018 05 32 84	Chrome	PL-T	GX24Q-3	1x32w	120,81	0.65 0.20
018 52 32 84	Chrome matt	PL-T	GX24Q-3	1x32w	120,81	0.65 0.20
018 90 32 84	Titanium	PL-T	GX24Q-3	1x32w	120,81	0.65 0.20
018 01 42 84	White	PL-T	GX24Q-4	1x42w	111,91	0.65 0.20
018 05 42 84	Chrome	PL-T	GX24Q-4	1x42w	120,81	0.65 0.20
018 52 42 84	Chrome matt	PL-T	GX24Q-4	1x42w	120,81	0.65 0.20
018 90 42 84	Titanium	PL-T	GX24Q-4	1x42w	120,81	0.65 0.20

* Supplied in a standard manner with 4200° K lamp

Sato PL 2 lamps

Includes control gear and PL lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
019 01 13 84	White	PL	G24d-1	2x13w	76,36	0.65 0.40
019 05 13 84	Chrome	PL	G24d-1	2x13w	83,38	0.65 0.40
019 52 13 84	Chrome matt	PL	G24d-1	2x13w	83,38	0.65 0.40
019 90 13 84	Titanium	PL	G24d-1	2x13w	83,38	0.65 0.40
019 01 18 84	White	PL	G24d-2	2x18w	76,38	0.65 0.40
019 05 18 84	Chrome	PL	G24d-2	2x18w	83,40	0.65 0.40
019 52 18 84	Chrome matt	PL	G24d-2	2x18w	83,40	0.65 0.40
019 90 18 84	Titanium	PL	G24d-2	2x18w	83,40	0.65 0.40
019 01 26 84	White	PL	G24d-3	2x26w	76,40	0.65 0.40
019 05 26 84	Chrome	PL	G24d-3	2x26w	83,43	0.65 0.40
019 52 26 84	Chrome matt	PL	G24d-3	2x26w	83,43	0.65 0.40
019 90 26 84	Titanium	PL	G24d-3	2x26w	83,43	0.65 0.40

* Supplied in a standard manner with 4200° K lamp

Includes electronic ballast and PLR-ECO lamp

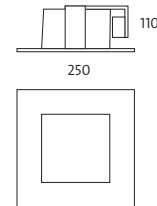
Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
019 01 14 84	White	PLR	GR14q-1	2x14w	119,60	0.65 0.40
019 05 14 84	Chrome	PLR	GR14q-1	2x14w	128,58	0.65 0.40
019 52 14 84	Chrome matt	PLR	GR14q-1	2x14w	128,58	0.65 0.40
019 90 14 84	Titanium	PLR	GR14q-1	2x14w	128,58	0.65 0.40
019 01 17 84	White	PLR	GR14q-1	2x17w	119,60	0.65 0.40
019 05 17 84	Chrome	PLR	GR14q-1	2x17w	128,58	0.65 0.40
019 52 17 84	Chrome matt	PLR	GR14q-1	2x17w	128,58	0.65 0.40
019 90 17 84	Titanium	PLR	GR14q-1	2x17w	128,58	0.65 0.40

* Supplied in a standard manner with 4200° K lamp

Includes electronic ballast and PLT/E lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
019 01 32 84	White	PL-T	GX24Q-3	2x32w	121,91	0.65 0.40
019 05 32 84	Chrome	PL-T	GX24Q-3	2x32w	130,89	0.65 0.40
019 52 32 84	Chrome matt	PL-T	GX24Q-3	2x32w	130,89	0.65 0.40
019 90 32 84	Titanium	PL-T	GX24Q-3	2x32w	130,89	0.65 0.40
019 01 42 84	White	PL-T	GX24Q-4	2x42w	121,91	0.65 0.40
019 05 42 84	Chrome	PL-T	GX24Q-4	2x42w	130,89	0.65 0.40
019 52 42 84	Chrome matt	PL-T	GX24Q-4	2x42w	130,89	0.65 0.40
019 90 42 84	Titanium	PL-T	GX24Q-4	2x42w	130,89	0.65 0.40

* Supplied in a standard manner with 4200° K lamp



Ref. **ST**
Transparent glass.



Ref. **SM**
Matt glass.



Ref. **STM**
Transparent glass/matt.

OPTIONS	Ref. 82	Ref. 83	Ref. 84	Ref. 86
<i>IRC / Colour temperature</i>	2700°K	3000°K	4200°K	6500°K
PL 13w	•	•	•	•
PLR-ECO 14w		•	•	
PLR-ECO 17w		•	•	
PL 18w	•	•	•	•
PL 26w	•	•	•	•
PLT/E 32w	•	•	•	
PLT/E 42w	•	•	•	

		1x9/13/18/26w	1x14/17/32/42w	2x9/13/18/26w	2x14/17/32/42w
		€	€	€	€
<i>Rough price increase of control gear</i>					
Ref. AF	High factor	2.90	-	2.90	-
Ref. BE	Electronic ballast	19.00	-	24.00	-
Ref. BR	Dimmable ballast 1-10v	85.00	85.00	87.00	87.00
Ref. TD	Dimmable ballast Touch and Dim	85.00	85.00	87.00	87.00
Ref. CF	Lighting control system "master"	129.00	129.00	136.00	136.00
Ref. FP	Lighting sensor control system "master"	275.00	275.00	283.00	283.00
Ref. KE	Emergency kit	130.00	130.00	130.00	130.00

		€	
Ref. ST	Internal transparent glass	5,92	*
Ref. SM	Internal matt glass	5,96	*
Ref. STM	Transparent glass/matt surface	5,98	*
Ref. WL	Wieland connector	16,30	

(*) About the 2x42w we recommend to install the downlight without glass protector in order to allow a suitable heat dissipation..

		1 lamp	2 lamps
Ref. LED 83	PL LED lamp 14,4w - 3.300°K *	52,00	104,00
Ref. LED 85	PL LED lamp 14,4w - 5.500°K *	52,00	104,00

(*) It includes LED chips Osram Golden Dragon Plus.

Example to write a reference with options

Sato PL 1 lamp. 32w Lighting control system

Ref. **018 90 32 83 CF STM**

Titanium 3000°K Transp/matt glass

Micra

Protection degree IP20 / IP43

- Material:** Steel sheet thermo painted.
- Optics:** Highly-reflective aluminium reflector. It can be supplied with transparent protective glass (Ref. MT), matt glass (Ref. MM) or transparent/matt glass (Ref. MTM) for an IP43 protection.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models. Ballast carrier boxes for PL lamps from 13 up to 26 watts. Optionally supplied with electronic ballast or with domotics sensors systems for all the models. (see the options of the table). Driver for LED lamps.
- Lamps:** It uses low consumption lamps PL from 13 up to 26 watts and LED lamps 14,4w, suitable for domestic and commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings. It has the advantage of being installed on a round ceiling cut.
- Colours:** White, chrome, chrome matt and titanium.
By request: 02 black, 03 gold, 55 nickel, 57 nickel matt.



Miniducto PL

Includes control gear and PL-T lamps



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
016 01 13 84	White	PL-T	G24d-1	1x13w	57,37	0.30	0.20
016 05 13 84	Chrome	PL-T	G24d-1	1x13w	61,51	0.30	0.20
016 52 13 84	Chrome matt	PL-T	G24d-1	1x13w	61,51	0.30	0.20
016 90 13 84	Titanium	PL-T	G24d-1	1x13w	61,51	0.30	0.20
016 01 18 84	White	PL-T	G24d-2	1x18w	57,39	0.30	0.20
016 05 18 84	Chrome	PL-T	G24d-2	1x18w	61,53	0.30	0.20
016 52 18 84	Chrome matt	PL-T	G24d-2	1x18w	61,53	0.30	0.20
016 90 18 84	Titanium	PL-T	G24d-2	1x18w	61,53	0.30	0.20
016 01 26 84	White	PL-T	G24d-3	1x26w	57,41	0.30	0.20
016 05 26 84	Chrome	PL-T	G24d-3	1x26w	61,55	0.30	0.20
016 52 26 84	Chrome matt	PL-T	G24d-3	1x26w	61,55	0.30	0.20
016 90 26 84	Titanium	PL-T	G24d-3	1x26w	61,55	0.30	0.20

* Supplied in a standard manner with 4200° K lamp

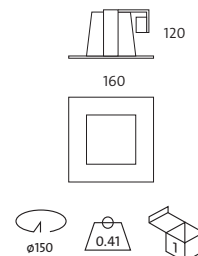
Miniducto PL

Includes caja with electronic ballast and PL-T lamps



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
017 01 13 84	White	PL-T	G24d-1	1x13w	63,98	0.30	0.20
017 05 13 84	Chrome	PL-T	G24d-1	1x13w	68,00	0.30	0.20
017 52 13 84	Chrome matt	PL-T	G24d-1	1x13w	68,00	0.30	0.20
017 90 13 84	Titanium	PL-T	G24d-1	1x13w	68,00	0.30	0.20
017 01 18 84	White	PL-T	G24d-2	1x18w	63,99	0.30	0.20
017 05 18 84	Chrome matt	PL-T	G24d-2	1x18w	68,02	0.30	0.20
017 52 18 84	Chrome matt	PL-T	G24d-2	1x18w	68,02	0.30	0.20
017 90 18 84	Titanium	PL-T	G24d-2	1x18w	68,02	0.30	0.20
017 01 26 84	White	PL-T	G24d-3	1x26w	64,00	0.30	0.20
017 05 26 84	Chrome	PL-T	G24d-3	1x26w	68,04	0.30	0.20
017 52 26 84	Chrome matt	PL-T	G24d-3	1x26w	68,04	0.30	0.20
017 90 26 84	Titanium	PL-T	G24d-3	1x26w	68,04	0.30	0.20

* Supplied in a standard manner with 4200° K lamp



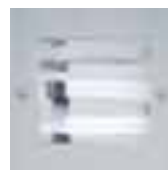
OPTIONS	Ref. 82	Ref. 83	Ref. 84	Ref. 86
IRC / Colour temperature	2700°K	3000°K	4200°K	6500°K
PL 13w	•	•	•	•
PL 18w	•	•	•	•
PL 26w	•	•	•	•

Rough price increase of control gear		1x9/13/18/26w
		€
Ref. AF	High factor	2.90
Ref. BR	Dimmable ballast 1-10v	85.00
Ref. TD	Dimmable ballast Touch and Dim	85.00
Ref. CF	Lighting control system "master"	129.00
Ref. FP	Lighting sensor control system "master"	275.00
Ref. KE	Emergency kit	130.00

Rough price increase of accessories		€
Ref. MT	Internal transparent glass	5,64
Ref. MM	Internal matt glass	5,72
Ref. MTM	Transparent glass/matt surface	5,78
Ref. WL	Wieland connector	16,30

Rough price increase of accessories		1 lamp
Ref. LED 7 83	PL LED lamp 7,2w - 3.300°K *	46,00
Ref. LED 7 85	PL LED lamp 7,2w - 5.500°K *	46,00

(*) It includes LED chips Osram Golden Dragon Plus.



Ref. **MT**
Transparent glass.

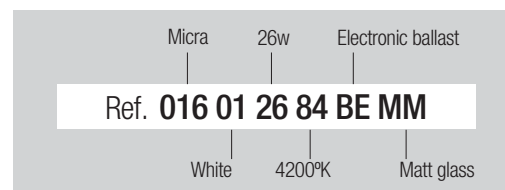


Ref. **MM**
Matt glass.



Ref. **MTM**
Transparent glass/matt.

Example to write a reference with options



Tetra

Protection degree IP20 / IP43

- Material:** Steel sheet thermo painted.
- Optics:** Highly-reflective aluminium reflector. It can be supplied with transparent protective glass (Ref. CTC) or matt glass (Ref. CMC) for an IP43 protection.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models. Ballast carrier boxes for PL lamps from 13 up to 26 watts. Optionally supplied with electronic ballast or with domotics sensors systems for all the models. (see the options of the table).
- Lamps:** Driver for LED lamps. It uses low consumption lamps PL from 13 up to 26 watts and LED lamps 14,4w, suitable for domestic and commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, chrome, chrome matt and titanium.
By request: 02 black, 55 nickel, 57 nickel matt.



Tetra 1 lamp

Includes control gear and PL lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE	
						lum.	lamp.
485 01 84	White	PL	G23	1x9w	73,27	0.65	0.20
485 05 84	Chrome	PL	G23	1x9w	79,82	0.65	0.20
485 52 84	Chrome matt	PL	G23	1x9w	79,82	0.65	0.20
485 90 84	Titanium	PL	G23	1x9w	79,82	0.65	0.20
486 01 84	White	PL	G24d-1	1x13w	73,48	0.65	0.20
486 05 84	Chrome	PL	G24d-1	1x13w	79,92	0.65	0.20
486 52 84	Chrome matt	PL	G24d-1	1x13w	79,92	0.65	0.20
486 90 84	Titanium	PL	G24d-1	1x13w	79,92	0.65	0.20
487 01 84	White	PL	G24d-2	1x18w	73,50	0.65	0.20
487 05 84	Chrome	PL	G24d-2	1x18w	79,94	0.65	0.20
487 52 84	Chrome matt	PL	G24d-2	1x18w	79,94	0.65	0.20
487 90 84	Titanium	PL	G24d-2	1x18w	79,94	0.65	0.20
488 01 84	White	PL	G24d-3	1x26w	73,52	0.65	0.20
488 05 84	Chrome matt	PL	G24d-3	1x26w	79,96	0.65	0.20
488 52 84	Chrome matt	PL	G24d-3	1x26w	79,96	0.65	0.20
488 90 84	Titanium	PL	G24d-3	1x26w	79,96	0.65	0.20

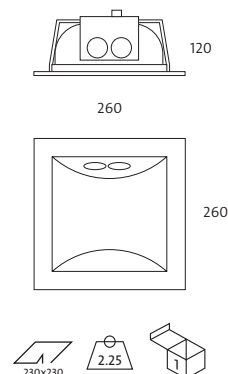
* Supplied in a standard manner with 4200° K lamp

Tetra 2 lamps

Includes control gear and PL lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE	
						lum.	lamp.
489 01 84	White	PL	G23	2x9w	80,93	0.65	0.40
489 05 84	Chrome	PL	G23	2x9w	87,32	0.65	0.40
489 52 84	Chrome matt	PL	G23	2x9w	87,32	0.65	0.40
489 90 84	Titanium	PL	G23	2x9w	87,32	0.65	0.40
490 01 84	White	PL	G24d-1	2x13w	80,95	0.65	0.40
490 05 84	Chrome	PL	G24d-1	2x13w	87,34	0.65	0.40
490 52 84	Chrome matt	PL	G24d-1	2x13w	87,34	0.65	0.40
490 90 84	Titanium	PL	G24d-1	2x13w	87,34	0.65	0.40
491 01 84	White	PL	G24d-2	2x18w	80,97	0.65	0.40
491 05 84	Chrome	PL	G24d-2	2x18w	87,36	0.65	0.40
491 52 84	Chrome matt	PL	G24d-2	2x18w	87,36	0.65	0.40
491 90 84	Titanium	PL	G24d-2	2x18w	87,36	0.65	0.40
492 01 84	White	PL	G24d-3	2x26w	80,99	0.65	0.40
492 05 84	Chrome	PL	G24d-3	2x26w	87,17	0.65	0.40
492 52 84	Chrome matt	PL	G24d-3	2x26w	87,17	0.65	0.40
492 90 84	Titanium	PL	G24d-3	2x26w	87,17	0.65	0.40

* Supplied in a standard manner with 4200° K lamp



Tetra 1 LED lamp PL 14,4W

Includes driver and 1 LED lamp 14,4W

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	RAEE lamp.
488 01 14	White	LED	G-24d-3	1x14,4w	125,25	0.65	0.20
488 05 14	Chrome	LED	G-24d-3	1x14,4w	131,80	0.65	0.20
488 52 14	Chrome matt	LED	G-24d-3	1x14,4w	131,80	0.65	0.20
488 90 14	Titanium	LED	G-24d-3	1x14,4w	131,80	0.65	0.20

* Supplied in a standard manner with 5400° K lamp

Tetra 2 LED lamps PL 14,4W

Includes driver and 2 LED lamps 14,4W

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	RAEE lamp.
492 01 14	White	LED	G-24d-3	2x14,4w	184,98	0.65	0.40
492 05 14	Chrome	LED	G-24d-3	2x14,4w	191,15	0.65	0.40
492 52 14	Chrome matt	LED	G-24d-3	2x14,4w	191,15	0.65	0.40
492 90 14	Titanium	LED	G-24d-3	2x14,4w	191,15	0.65	0.40

* Supplied in a standard manner with 5400° K lamp

OPTIONS LED PL 14,4w*

IRC / Colour temperature

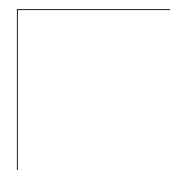
Ref. 83	3300°K
Ref. 85	5400°K

(*) It includes LED chips Osram Golden Dragon Plus.

OPTIONS	Ref. 82	Ref. 83	Ref. 84	Ref. 86
IRC / Colour temperature	2700°K	3000°K	4200°K	6500°K
PL 9w	•	•	•	
PL 13w	•	•	•	•
PL 18w	•	•	•	•
PL 26w	•	•	•	•

Rough price increase of control gear		1x9/13/18/26w	2x9/13/18/26w
		€	€
Ref. AF	High factor	2.90	2.90
Ref. BE	Electronic ballast	19.00	24.00
Ref. BR	Dimmable ballast 1-10v	85.00	87.00
Ref. TD	Dimmable ballast Touch and Dim	85.00	87.00
Ref. CF	Lighting control system "master"	129.00	136.00
Ref. FP	Lighting sensor control system "master"	275.00	283.00
Ref. KE	Emergency kit	130.00	130.00

Rough price increase of accessories		€
Ref. 1008T	Tetra Darklight	8,10
Ref. CTC	Internal transparent glass	6,76
Ref. CMC	Internal matt glass	7,06
Ref. WL	Wieland connector	16,30



Ref. CTC
Transparent glass.



Ref. CMC
Matt glass.

Example to write a reference with options

Tetra 2 lamp. 26w Dimmable ballast
 Ref. **492 90 26 84 BR CMC**
 Titanium 4200°K Matt glass

Duray

Protection degree IP20 / IP43

- Material:** Colored matt glass.
- Optics:** Highly-reflective aluminium reflector. It can be supplied with transparent protective glass with serigraphy (Ref. CT 460) or matt glass (Ref. CM 460) for an IP43 protection.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models. Ballast carrier boxes for PL lamps from 9 up to 26 watts. Optionally supplied with electronic ballast or with domotics sensors systems for all the models. (see the options of the table). Driver for LED lamps.
- Lamps:** It uses low consumption lamps PL from 9 up to 26 watts and LED lamps 14,4w, suitable for domestic and commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** Matt, pink, blue, green, light blue, marble and yellow.

**Duray 1 lamp**

Includes control gear and PL lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
458 06 09 84	Matt	PL	G23	1x9w	75,86	0.65	0.20
458 07 09 84	Pink	PL	G23	1x9w	79,66	0.65	0.20
458 08 09 84	Blue	PL	G23	1x9w	79,66	0.65	0.20
458 09 09 84	Green	PL	G23	1x9w	79,66	0.65	0.20
458 10 09 84	Light blue	PL	G23	1x9w	79,66	0.65	0.20
458 11 09 84	Marble	PL	G23	1x9w	79,66	0.65	0.20
458 12 09 84	Yellow	PL	G23	1x9w	79,66	0.65	0.20
458 06 13 84	Matt	PL	G24d-1	1x13w	75,88	0.65	0.20
458 07 13 84	Pink	PL	G24d-1	1x13w	79,67	0.65	0.20
458 08 13 84	Blue	PL	G24d-1	1x13w	79,67	0.65	0.20
458 09 13 84	Green	PL	G24d-1	1x13w	79,67	0.65	0.20
458 10 13 84	Light blue	PL	G24d-1	1x13w	79,67	0.65	0.20
458 11 13 84	Marble	PL	G24d-1	1x13w	79,67	0.65	0.20
458 12 13 84	Yellow	PL	G24d-1	1x13w	79,67	0.65	0.20
458 06 18 84	Matt	PL	G24d-2	1x18w	75,89	0.65	0.20
458 07 18 84	Pink	PL	G24d-2	1x18w	79,68	0.65	0.20
458 08 18 84	Blue	PL	G24d-2	1x18w	79,68	0.65	0.20
458 09 18 84	Green	PL	G24d-2	1x18w	79,68	0.65	0.20
458 10 18 84	Light blue	PL	G24d-2	1x18w	79,68	0.65	0.20
458 11 18 84	Marble	PL	G24d-2	1x18w	79,68	0.65	0.20
458 12 18 84	Yellow	PL	G24d-2	1x18w	79,68	0.65	0.20
458 06 26 84	Matt	PL	G24d-3	1x26w	75,90	0.65	0.20
458 07 26 84	Pink	PL	G24d-3	1x26w	79,69	0.65	0.20
458 08 26 84	Blue	PL	G24d-3	1x26w	79,69	0.65	0.20
458 09 26 84	Green	PL	G24d-3	1x26w	79,69	0.65	0.20
458 10 26 84	Light blue	PL	G24d-3	1x26w	79,69	0.65	0.20
458 11 26 84	Marble	PL	G24d-3	1x26w	79,69	0.65	0.20
458 12 26 84	Yellow	PL	G24d-3	1x26w	79,69	0.65	0.20

* Supplied in a standard manner with 4200° K lamp

Duray 2 lamps

Includes control gear and PL lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
459 06 09 84	Matt	PL	G23	2x9w	85,63	0.65	0.40
459 07 09 84	Pink	PL	G23	2x9w	89,61	0.65	0.40
459 08 09 84	Blue	PL	G23	2x9w	89,61	0.65	0.40
459 09 09 84	Green	PL	G23	2x9w	89,61	0.65	0.40
459 10 09 84	Light blue	PL	G23	2x9w	89,61	0.65	0.40
459 11 09 84	Marble	PL	G23	2x9w	89,61	0.65	0.40
459 12 09 84	Yellow	PL	G23	2x9w	89,61	0.65	0.40
459 06 13 84	Matt	PL	G24d-1	2x13w	85,64	0.65	0.40
459 07 13 84	Pink	PL	G24d-1	2x13w	89,62	0.65	0.40
459 08 13 84	Blue	PL	G24d-1	2x13w	89,62	0.65	0.40
459 09 13 84	Green	PL	G24d-1	2x13w	89,62	0.65	0.40
459 10 13 84	Light blue	PL	G24d-1	2x13w	89,62	0.65	0.40
459 11 13 84	Marble	PL	G24d-1	2x13w	89,62	0.65	0.40
459 12 13 84	Yellow	PL	G24d-1	2x13w	89,62	0.65	0.40
459 06 18 84	Matt	PL	G24d-2	2x18w	85,65	0.65	0.40
459 07 18 84	Pink	PL	G24d-2	2x18w	89,63	0.65	0.40
459 08 18 84	Blue	PL	G24d-2	2x18w	89,63	0.65	0.40
459 09 18 84	Green	PL	G24d-2	2x18w	89,63	0.65	0.40
459 10 18 84	Light blue	PL	G24d-2	2x18w	89,63	0.65	0.40
459 11 18 84	Marble	PL	G24d-2	2x18w	89,63	0.65	0.40
459 12 18 84	Yellow	PL	G24d-2	2x18w	89,63	0.65	0.40
459 06 26 84	Matt	PL	G24d-3	2x26w	85,66	0.65	0.40
459 07 26 84	Pink	PL	G24d-3	2x26w	89,64	0.65	0.40
459 08 26 84	Blue	PL	G24d-3	2x26w	89,64	0.65	0.40
459 09 26 84	Green	PL	G24d-3	2x26w	89,64	0.65	0.40
459 10 26 84	Light blue	PL	G24d-3	2x26w	89,64	0.65	0.40
459 11 26 84	Marble	PL	G24d-3	2x26w	89,64	0.65	0.40
459 12 26 84	Yellow	PL	G24d-3	2x26w	89,64	0.65	0.40

* Supplied in a standard manner with 4200° K lamp

Duray 1 LED lamp PL 14,4W

Includes driver and 1 LED lamp 14,4W

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
458 06 14	Matt	PL	G24d-3	1x14w	127,60	0.65	0.20
458 07 14	Pink	PL	G24d-3	1x14w	131,68	0.65	0.20
458 08 14	Blue	PL	G24d-3	1x14w	131,68	0.65	0.20
458 09 14	Green	PL	G24d-3	1x14w	131,68	0.65	0.20
458 10 14	Light blue	PL	G24d-3	1x14w	131,68	0.65	0.20
458 11 14	Marble	PL	G24d-3	1x14w	131,68	0.65	0.20
458 12 14	Yellow	PL	G24d-3	1x14w	131,68	0.65	0.20

* Supplied in a standard manner with 5400° K lamp

Duray 2 LED lamps PL 14,4W

Includes driver and 2 LED lamps 14,4W

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
459 06 14	Matt	PL	G24d-3	2x14w	189,50	0.65	0.40
459 07 14	Pink	PL	G24d-3	2x14w	193,60	0.65	0.40
459 08 14	Blue	PL	G24d-3	2x14w	193,60	0.65	0.40
459 09 14	Green	PL	G24d-3	2x14w	193,60	0.65	0.40
459 10 14	Light blue	PL	G24d-3	2x14w	193,60	0.65	0.40
459 11 14	Marble	PL	G24d-3	2x14w	193,60	0.65	0.40
459 12 14	Yellow	PL	G24d-3	2x14w	193,60	0.65	0.40

* Supplied in a standard manner with 5400° K lamp



Matt glass



Pink glass



Blue glass



Green glass



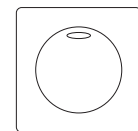
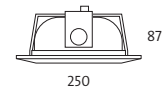
Light blue glass



Marble glass



Yellow glass



OPTIONS LED PL 14,4w*

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K

(*) It includes LED chips Osram Golden Dragon Plus.

OPTIONS	Ref. 82	Ref. 83	Ref. 84	Ref. 86
IRC / Colour temperature	2700°K	3000°K	4200°K	6500°K
PL 9w	•	•	•	
PL 13w	•	•	•	•
PL 18w	•	•	•	•
PL 26w	•	•	•	•

Rough price increase of control gear

		1x9/13/18/26w	2x9/13/18/26w
		€	€
Ref. AF	High factor	2.90	2.90
Ref. BE	Electronic ballast	19.00	24.00
Ref. BR	Dimmable ballast 1-10v	85.00	87.00
Ref. TD	Dimmable ballast Touch and Dim	85.00	87.00
Ref. CF	Lighting control system "master"	129.00	136.00
Ref. FP	Lighting sensor control system "master"	275.00	283.00
Ref. KE	Emergency kit	130.00	130.00

Rough price increase of accessories

		€
Ref. CT 460	Transparent glass with serigraphy	4,32
Ref. CM 460	Matt glass	4,32
Ref. WL	Wieland connector	16,30



Ref. CT 460
Trans. glass serigraphy



Ref. CM 460
Matt glass.

Example to write a reference with options

Duray 2 lamp. 18w Lighting control system

Ref. **459 09 18 82 FC CM460**

Blue 2700°K Matt glass surface

Sirius

Protection degree IP20 / IP43

- Material:** Colored matt glass.
- Optics:** Highly-reflective aluminium reflector. It can be supplied with transparent protective glass with serigraphy (Ref. CT 460) or matt glass (Ref. CM 460) for an IP43 protection.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models. Ballast carrier boxes for PL lamps from 9 up to 26 watts. Optionally supplied with electronic ballast or with domotics sensors systems for all the models. (see the options of the table). Driver for LED lamps.
- Lamps:** It uses low consumption lamps PL from 9 up to 26 watts and LED lamps 14,4w, suitable for domestic and commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** Matt, pink, blue, green, light blue and marble.



Sirius 1 lamp

Includes control gear and PL lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
461 06 09 84	Matt	PL G23	1x9w	67,27	0.65	0.20
461 07 09 84	Pink	PL G23	1x9w	68,77	0.65	0.20
461 08 09 84	Blue	PL G23	1x9w	68,77	0.65	0.20
461 09 09 84	Green	PL G23	1x9w	68,77	0.65	0.20
461 10 09 84	Light blue	PL G23	1x9w	68,77	0.65	0.20
461 11 09 84	Marble	PL G23	1x9w	68,77	0.65	0.20
462 06 13 84	Matt	PL G24d-1	1x13w	67,28	0.65	0.20
462 07 13 84	Pink	PL G24d-1	1x13w	68,78	0.65	0.20
462 08 13 84	Blue	PL G24d-1	1x13w	68,78	0.65	0.20
462 09 13 84	Green	PL G24d-1	1x13w	68,78	0.65	0.20
462 10 13 84	Light blue	PL G24d-1	1x13w	68,78	0.65	0.20
462 11 13 84	Marble	PL G24d-1	1x13w	68,78	0.65	0.20
463 06 18 84	Matt	PL G24d-2	1x18w	67,30	0.65	0.20
463 07 18 84	Pink	PL G24d-2	1x18w	68,79	0.65	0.20
463 08 18 84	Blue	PL G24d-2	1x18w	68,79	0.65	0.20
463 09 18 84	Green	PL G24d-2	1x18w	68,79	0.65	0.20
463 10 18 84	Light blue	PL G24d-2	1x18w	68,79	0.65	0.20
463 11 18 84	Marble	PL G24d-2	1x18w	68,79	0.65	0.20
464 06 26 84	Matt	PL G24d-3	1x26w	67,31	0.65	0.20
464 07 26 84	Pink	PL G24d-3	1x26w	68,80	0.65	0.20
464 08 26 84	Blue	PL G24d-3	1x26w	68,80	0.65	0.20
464 09 26 84	Green	PL G24d-3	1x26w	68,80	0.65	0.20
464 10 26 84	Light blue	PL G24d-3	1x26w	68,80	0.65	0.20
464 11 26 84	Marble	PL G24d-3	1x26w	68,80	0.65	0.20

* Supplied in a standard manner with 4200° K lamp

Sirius 2 lamps

Includes control gear and PL lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
465 06 09 84	Matt	PL G23	2x9w	76,71	0.65	0.40
465 07 09 84	Pink	PL G23	2x9w	78,20	0.65	0.40
465 08 09 84	Blue	PL G23	2x9w	78,20	0.65	0.40
465 09 09 84	Green	PL G23	2x9w	78,20	0.65	0.40
465 10 09 84	Light blue	PL G23	2x9w	78,20	0.65	0.40
465 11 09 84	Marble	PL G23	2x9w	78,20	0.65	0.40
466 06 13 84	Matt	PL G24d-1	2x13w	76,72	0.65	0.40
466 07 13 84	Pink	PL G24d-1	2x13w	78,21	0.65	0.40
466 08 13 84	Blue	PL G24d-1	2x13w	78,21	0.65	0.40
466 09 13 84	Green	PL G24d-1	2x13w	78,21	0.65	0.40
466 10 13 84	Light blue	PL G24d-1	2x13w	78,21	0.65	0.40
466 11 13 84	Marble	PL G24d-1	2x13w	78,21	0.65	0.40
467 06 18 84	Matt	PL G24d-2	2x18w	76,73	0.65	0.40
467 07 18 84	Pink	PL G24d-2	2x18w	78,22	0.65	0.40
467 08 18 84	Blue	PL G24d-2	2x18w	78,22	0.65	0.40
467 09 18 84	Green	PL G24d-2	2x18w	78,22	0.65	0.40
467 10 18 84	Light blue	PL G24d-2	2x18w	78,22	0.65	0.40
467 11 18 84	Marble	PL G24d-2	2x18w	78,22	0.65	0.40
468 06 26 84	Matt	PL G24d-3	2x26w	76,74	0.65	0.40
468 07 26 84	Pink	PL G24d-3	2x26w	78,23	0.65	0.40
468 08 26 84	Blue	PL G24d-3	2x26w	78,23	0.65	0.40
468 09 26 84	Green	PL G24d-3	2x26w	78,23	0.65	0.40
468 10 26 84	Light blue	PL G24d-3	2x26w	78,23	0.65	0.40
468 11 26 84	Marble	PL G24d-3	2x26w	78,23	0.65	0.40

* Supplied in a standard manner with 4200° K lamp

Sirius 1 LED lamp PL 14,4W

Includes driver and 1 LED lamp 14,4W

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
464 06 14	Matt	PL G24d-3	1x14w	119,30	0.65	0.20
464 07 14	Pink	PL G24d-3	1x14w	121,10	0.65	0.20
464 08 14	Blue	PL G24d-3	1x14w	121,10	0.65	0.20
464 09 14	Green	PL G24d-3	1x14w	121,10	0.65	0.20
464 10 14	Light blue	PL G24d-3	1x14w	121,10	0.65	0.20
464 11 14	Marble	PL G24d-3	1x14w	121,10	0.65	0.20

* Supplied in a standard manner with 5400° K lamp

Sirius 2 LED lamps PL 14,4W

Includes driver and 2 LED lamps 14,4W

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
468 06 14	Matt	PL G24d-3	2x14w	180,74	0.65	0.40
468 07 14	Pink	PL G24d-3	2x14w	182,23	0.65	0.40
468 08 14	Blue	PL G24d-3	2x14w	182,23	0.65	0.40
468 09 14	Green	PL G24d-3	2x14w	182,23	0.65	0.40
468 10 14	Light blue	PL G24d-3	2x14w	182,23	0.65	0.40
468 11 14	Marble	PL G24d-3	2x14w	182,23	0.65	0.40

* Supplied in a standard manner with 5400° K lamp



Matt glass



Pink glass



Blue glass



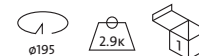
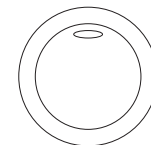
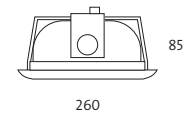
Green glass



Light blue glass



Marble glass



OPTIONS LED PL 14,4w*

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K

(*) It includes LED chips Osram Golden Dragon Plus.

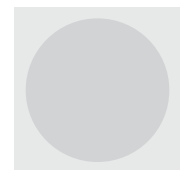
OPTIONS	Ref. 82	Ref. 83	Ref. 84	Ref. 86
IRC / Colour temperature	2700°K	3000°K	4200°K	6500°K
PL 9w	•	•	•	
PL 13w	•	•	•	•
PL 18w	•	•	•	•
PL 26w	•	•	•	•

		1x9/13/18/26w	2x9/13/18/26w
		€	€
Ref. AF	High factor	2.90	2.90
Ref. BE	Electronic ballast	19.00	24.00
Ref. BR	Dimmable ballast 1-10v	85.00	87.00
Ref. TD	Dimmable ballast Touch and Dim	85.00	87.00
Ref. CF	Lighting control system "master"	129.00	136.00
Ref. FP	Lighting sensor control system "master"	275.00	283.00
Ref. KE	Emergency kit	130.00	130.00

		€
Ref. CT 460	Transparent glass with serigraphy	4,32
Ref. CM 460	Matt glass	4,32
Ref. WL	Wieland connector	16,30



Ref. CT 460
Trans. glass serigraphy



Ref. CM 460
Matt glass.

Example to write a reference with options

Duray 2 lamp. 18w Lighting control

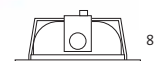
Ref. **467 09 18 83 FC CM460**

Blue 3000°K Matt glass

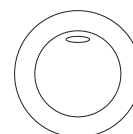
Zino

Protection degree IP20 / IP43

- Material:** Natural woods with different finishes.
- Optics:** Highly-reflective aluminium reflector. It can be supplied with transparent protective glass with serigraphy (Ref. CT 494) or matt glass (Ref. CM 494) for an IP43 protection.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models. Ballast carrier boxes for PL lamps from 9 up to 26 watts. Optionally supplied with electronic ballast or with domotics sensors systems for all the models. (see the options of the table). Driver for LED lamps.
- Lamps:** It uses low consumption lamps PL from 9 up to 26 watts and LED lamps 14,4w, suitable for domestic and commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** Cherry, oak, walnut, natural, yellow poplar and wengé.



260



Zino 1 lamp

Includes control gear and PL lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
498 91 09 84	Cherry	PL G23	1x9w	65,19	0.65	0.20	
498 92 09 84	Oak	PL G23	1x9w	65,19	0.65	0.20	
498 93 09 84	Walnut	PL G23	1x9w	65,19	0.65	0.20	
498 94 09 84	Natural	PL G23	1x9w	65,19	0.65	0.20	
498 95 09 84	Yellow poplar	PL G23	1x9w	65,19	0.65	0.20	
498 96 09 84	Wengé	PL G23	1x9w	65,19	0.65	0.20	
498 91 13 84	Cherry	PL G24d-1	1x13w	65,20	0.65	0.20	
498 92 13 84	Oak	PL G24d-1	1x13w	65,20	0.65	0.20	
498 93 13 84	Walnut	PL G24d-1	1x13w	65,20	0.65	0.20	
498 94 13 84	Natural	PL G24d-1	1x13w	65,20	0.65	0.20	
498 95 13 84	Yellow poplar	PL G24d-1	1x13w	65,20	0.65	0.20	
498 96 13 84	Wengé	PL G24d-1	1x13w	65,20	0.65	0.20	
498 91 18 84	Cherry	PL G24d-2	1x18w	65,21	0.65	0.20	
498 92 18 84	Oak	PL G24d-2	1x18w	65,21	0.65	0.20	
498 93 18 84	Walnut	PL G24d-2	1x18w	65,21	0.65	0.20	
498 94 18 84	Natural	PL G24d-2	1x18w	65,21	0.65	0.20	
498 95 18 84	Yellow poplar	PL G24d-2	1x18w	65,21	0.65	0.20	
498 96 18 84	Wengé	PL G24d-2	1x18w	65,21	0.65	0.20	
498 91 26 84	Cherry	PL G24d-3	1x26w	65,22	0.65	0.20	
498 92 26 84	Oak	PL G24d-3	1x26w	65,22	0.65	0.20	
498 93 26 84	Walnut	PL G24d-3	1x26w	65,22	0.65	0.20	
498 94 26 84	Natural	PL G24d-3	1x26w	65,22	0.65	0.20	
498 95 26 84	Yellow poplar	PL G24d-3	1x26w	65,22	0.65	0.20	
498 96 26 84	Wengé	PL G24d-3	1x26w	65,22	0.65	0.20	

* Supplied in a standard manner with 4200° K lamp

Zino 2 lamps

Includes control gear and PL lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
499 91 09 84	Cherry	PL G23	2x9w	74,00	0.65	0.40	
499 92 09 84	Oak	PL G23	2x9w	74,00	0.65	0.40	
499 93 09 84	Walnut	PL G23	2x9w	74,00	0.65	0.40	
499 94 09 84	Natural	PL G23	2x9w	74,00	0.65	0.40	
499 95 09 84	Yellow poplar	PL G23	2x9w	74,00	0.65	0.40	
499 96 09 84	Wengé	PL G23	2x9w	74,00	0.65	0.40	
499 91 13 84	Cherry	PL G24d-1	2x13w	74,01	0.65	0.40	
499 92 13 84	Oak	PL G24d-1	2x13w	74,01	0.65	0.40	
499 93 13 84	Walnut	PL G24d-1	2x13w	74,01	0.65	0.40	
499 94 13 84	Natural	PL G24d-1	2x13w	74,01	0.65	0.40	
499 95 13 84	Yellow poplar	PL G24d-1	2x13w	74,01	0.65	0.40	
499 96 13 84	Wengé	PL G24d-1	2x13w	74,01	0.65	0.40	
499 91 18 84	Cherry	PL G24d-2	2x18w	74,02	0.65	0.40	
499 92 18 84	Oak	PL G24d-2	2x18w	74,02	0.65	0.40	
499 93 18 84	Walnut	PL G24d-2	2x18w	74,02	0.65	0.40	
499 94 18 84	Natural	PL G24d-2	2x18w	74,02	0.65	0.40	
499 95 18 84	Yellow poplar	PL G24d-2	2x18w	74,02	0.65	0.40	
499 96 18 84	Wengé	PL G24d-2	2x18w	74,02	0.65	0.40	
499 91 26 84	Cherry	PL G24d-3	2x26w	74,03	0.65	0.40	
499 92 26 84	Oak	PL G24d-3	2x26w	74,03	0.65	0.40	
499 93 26 84	Walnut	PL G24d-3	2x26w	74,03	0.65	0.40	
499 94 26 84	Natural	PL G24d-3	2x26w	74,03	0.65	0.40	
499 95 26 84	Yellow poplar	PL G24d-3	2x26w	74,03	0.65	0.40	
499 96 26 84	Wengé	PL G24d-3	2x26w	74,03	0.65	0.40	

* Supplied in a standard manner with 4200° K lamp

Zino 1 LED lamp PL 14,4W

Includes driver and 1 LED lamp 14,4W

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
498 91 14	Cherry	PL G24d-3	1x14,4w	117,22	0.65	0.20	
498 92 14	Oak	PL G24d-3	1x14,4w	117,22	0.65	0.20	
498 93 14	Walnut	PL G24d-3	1x14,4w	117,22	0.65	0.20	
498 94 14	Natural	PL G24d-3	1x14,4w	117,22	0.65	0.20	
498 95 14	Yellow poplar	PL G24d-3	1x14,4w	117,22	0.65	0.20	
498 96 14	Wengé	PL G24d-3	1x14,4w	117,22	0.65	0.20	

* Supplied in a standard manner with 5400° K lamp

Zino 2 LED lamps PL 14,4W

Includes driver and 2 LED lamps 14,4W

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
499 91 14	Cherry	PL G24d-3	2x14,4w	178,00	0.65	0.40	
499 92 14	Oak	PL G24d-3	2x14,4w	178,00	0.65	0.40	
499 93 14	Walnut	PL G24d-3	2x14,4w	178,00	0.65	0.40	
499 94 14	Natural	PL G24d-3	2x14,4w	178,00	0.65	0.40	
499 95 14	Yellow poplar	PL G24d-3	2x14,4w	178,00	0.65	0.40	
499 96 14	Wengé	PL G24d-3	2x14,4w	178,00	0.65	0.40	

* Supplied in a standard manner with 5400° K lamp



Cherry



Oak



Walnut



Natural



Yellow poplar



Wengé

OPTIONS LED PL 14,4w*

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K

(*) It includes LED chips Osram Golden Dragon Plus.

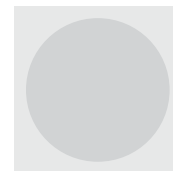
OPTIONS	Ref. 82	Ref. 83	Ref. 84	Ref. 86
IRC / Colour temperature	2700°K	3000°K	4200°K	6500°K
PL 9w	•	•	•	
PL 13w	•	•	•	•
PL 18w	•	•	•	•
PL 26w	•	•	•	•

		1x9/13/18/26w	2x9/13/18/26w
		€	€
Ref. AF	High factor	2.90	2.90
Ref. BE	Electronic ballast	19.00	24.00
Ref. BR	Dimmable ballast 1-10v	85.00	87.00
Ref. TD	Dimmable ballast Touch and Dim	85.00	87.00
Ref. CF	Lighting control system "master"	129.00	136.00
Ref. FP	Lighting sensor control system "master"	275.00	283.00
Ref. KE	Emergency kit	130.00	130.00

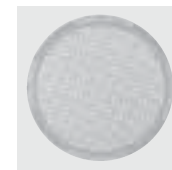
Rough price increase of accesories		€
Ref. CT 494	Transparent glass with serigraphy	4,36
Ref. CM 494	Matt glass	4,57
Ref. CTT	Transparent glass	4,36
Ref. CTP	Polycarbonate protection	8,88
Ref. WL	Wieland connector	16,30



Ref. CTT
Transparent glass.



Ref. CM 494
Matt glass.



Ref. CT 494
Trans. glass serigraphy



Ref. CTP
Polycarbonate protection.

Example to write a reference with options

Zino 1 lamp. 26w Electronic ballast

Ref. **498 93 26 83 BE CT460**

Walnut 3000°K Transparent glass

Diso

Protection degree IP43

Downlight low consumption

- Material:** Steel sheet thermo painted.
- Optics:** Aluminium reflector. It includes protection glass.
- Supply:** Ballast carrier boxes for PL lamp 26 watts. Optionally supplied with electronic ballast or with domotics sensors systems for all the models. (see the options of the table).
- Lamps:** It uses low consumption lamps PL 26 watts and LED lamps 14,4w, suitable for domestic and commercial use. Driver for LED lamps.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** 01 white, 02 black, 03 gold, 05 chrome, 52 chrome matt, 57 nickel matt and 90 titanium.



Includes protection glass, control gear and PL lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
057 01 26 84	White	PL G24d-3	1x26w	77,57	0.30	0.20	
057 02 26 84	Black	PL G24d-3	1x26w	97,27	0.30	0.20	
057 03 26 84	Gold	PL G24d-3	1x26w	97,27	0.30	0.20	
057 05 26 84	Chrome	PL G24d-3	1x26w	97,27	0.30	0.20	
057 52 26 84	Chrome matt	PL G24d-3	1x26w	97,27	0.30	0.20	
057 57 26 84	Nickel matt	PL G24d-3	1x26w	97,27	0.30	0.20	
057 90 26 84	Titanium	PL G24d-3	1x26w	97,27	0.30	0.20	

* Supplied in a standard manner with 4200° K lamp

Includes driver and 1 LED lamp 14,4W



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
057 01 14	White	LED G24d-3	1x14,4w	129,60	0.30	0.20	
057 02 14	Black	LED G24d-3	1x14,4w	149,53	0.30	0.20	
057 03 14	Gold	LED G24d-3	1x14,4w	149,53	0.30	0.20	
057 05 14	Chrome	LED G24d-3	1x14,4w	149,53	0.30	0.20	
057 52 14	Chrome matt	LED G24d-3	1x14,4w	149,53	0.30	0.20	
057 57 14	Nickel matt	LED G24d-3	1x14,4w	149,53	0.30	0.20	
057 90 14	Titanium	LED G24d-3	1x14,4w	149,53	0.30	0.20	

* Supplied in a standard manner with 5400° K lamp

OPTIONS LED PL 14,4w*

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K

(*) It includes LED chips Osram Golden Dragon Plus.

OPTIONS

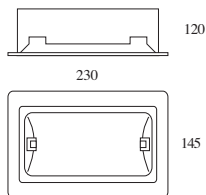
	Ref. 82	Ref. 83	Ref. 84	Ref. 86
IRC / Colour temperature	2700°K	3000°K	4200°K	6500°K
PL 26W	•	•	•	•

Rough price increase of control gear

Ref.	Description	1x26w €
Ref. AF	High factor	2.90
Ref. BE	Electronic ballast	19.00
Ref. BR	Dimmable ballast 1-10v	87.00
Ref. TD	Dimmable ballast Touch and Dim	87.00
Ref. CF	Lighting control system "master"	136.00
Ref. FP	Lighting sensor control system "master"	283.00
Ref. KE	Emergency kit	130.00

Rough price increase of accessories

Ref.	Description	€
Ref. WL	Wieland connector	16,30





Downlight 401

Protection degree IP20

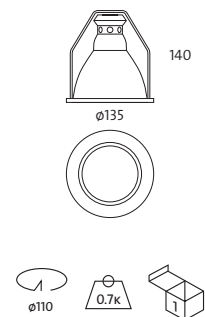
- Material:** Steel sheet thermo painted.
- Optics:** 99.9 aluminium reflector.
- Supply:** Directly connected to the 220v main, for lampholder E-27.
- Lamps:** It uses all kind of lamps for E-27, from incandescence up to low consumption, up to 300 watts maximum.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, black, gold, chrome, chrome matt and titanium.
By request: 55 nickel, 57 nickel matt.



Without lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
401 01	White	-	E-27	Max. 300w	16,03	0.30
401 02	Black	-	E-27	Max. 300w	19,77	0.30
401 03	Gold	-	E-27	Max. 300w	19,77	0.30
401 05	Chrome	-	E-27	Max. 300w	19,77	0.30
401 52	Chrome matt	-	E-27	Max. 300w	19,77	0.30
401 90	Titanium	-	E-27	Max. 300w	19,77	0.30

E-27



Includes driver and LED lamp 600 lumens

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
401L 01 09	White	LED	-	7,2w	81,95	0.30 0.20
401L 02 09	Black	LED	-	7,2w	85,69	0.30 0.20
401L 03 09	Gold	LED	-	7,2w	85,69	0.30 0.20
401L 05 09	Chrome	LED	-	7,2w	85,69	0.30 0.20
401L 52 09	Chrome matt	LED	-	7,2w	85,69	0.30 0.20
401L 90 09	Titanium	LED	-	7,2w	85,69	0.30 0.20



Downlight 402

Protection degree IP20

- Material:** Steel sheet thermo painted.
- Optics:** 99.9 high-brightness and purity, aluminium reflector. It can be supplied with a transparent protective filter (Ref. FP 140) for an IP43 protection or a suspended matt glass ring (Ref. CM 497).
- Supply:** Directly connected to the 220v main, for lampholder E-27.Driver for LED lamps.
- Lamps:** It uses all kind of lamps for E-27, from incandescence up to low consumption, up to 300 watts maximum.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, black, gold, chrome, chrome matt and titanium.
By request: 55 nickel, 57 nickel matt.

Without lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
E-27 402 01	White	-	E-27	Max. 300w	24,08	0.30
402 02	Black	-	E-27	Max. 300w	30,69	0.30
402 03	Gold	-	E-27	Max. 300w	30,69	0.30
402 05	Chrome	-	E-27	Max. 300w	30,69	0.30
402 52	Chrome matt	-	E-27	Max. 300w	30,69	0.30
402 90	Titanium	-	E-27	Max. 300w	30,69	0.30

Includes control gear and lamp PLT

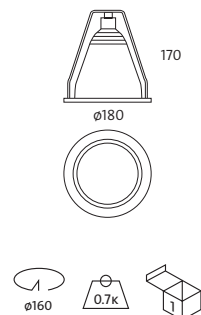
Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
402 01 09 84	White	PL	G23	1x9w	34,22	0.30	0.20
402 02 09 84	Black	PL	G23	1x9w	40,35	0.30	0.20
402 03 09 84	Gold	PL	G23	1x9w	40,35	0.30	0.20
402 05 09 84	Chrome	PL	G23	1x9w	40,35	0.30	0.20
402 52 09 84	Chrome matt	PL	G23	1x9w	40,35	0.30	0.20
402 90 09 84	Titanium	PL	G23	1x9w	40,35	0.30	0.20
402 01 13 84	White	PL	G24d-1	1x13w	34,23	0.30	0.20
402 02 13 84	Black	PL	G24d-1	1x13w	40,36	0.30	0.20
402 03 13 84	Gold	PL	G24d-1	1x13w	40,36	0.30	0.20
402 05 13 84	Chrome	PL	G24d-1	1x13w	40,36	0.30	0.20
402 52 13 84	Chrome matt	PL	G24d-1	1x13w	40,36	0.30	0.20
402 90 13 84	Titanium	PL	G24d-1	1x13w	40,36	0.30	0.20
402 01 18 84	White	PL	G24d-2	1x18w	34,24	0.30	0.20
402 02 18 84	Black	PL	G24d-2	1x18w	40,37	0.30	0.20
402 03 18 84	Gold	PL	G24d-2	1x18w	40,37	0.30	0.20
402 05 18 84	Chrome	PL	G24d-2	1x18w	40,37	0.30	0.20
402 52 18 84	Chrome matt	PL	G24d-2	1x18w	40,37	0.30	0.20
402 90 18 84	Titanium	PL	G24d-2	1x18w	40,37	0.30	0.20

* Supplied in a standard manner with 4200° K lamp

OPTIONS	Ref. 82	Ref. 83	Ref. 84	Ref. 86
IRC / Colour temperature	2700°K	3000°K	4200°K	6500°K
PL 9w	•	•	•	
PL 13w	•	•	•	•
PL 18w	•	•	•	•

		1x9/13/18w
Rough price increase of control gear		
Ref. AF	High factor	2.90
Ref. BE	Electronic ballast	19.00
Ref. BR	Dimmable ballast 1-10v	87.00
Ref. TD	Dimmable ballast Touch and Dim	87.00
Ref. CF	Lighting control system "master"	136.00
Ref. FP	Lighting sensor control system "master"	283.00
Ref. KE	Emergency kit	130.00

		€
Rough price increase of accessories		
Ref. FP 140	Protective filters	13,82
Ref. CS 140	Halo glass	15,63
Ref. WL	Wieland connector	16,30



Includes electronic equipment and LED lamp

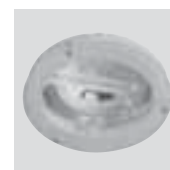
Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
402L 01 09	White	LED	-	7,2w	86,75	0.30	0.20
402L 02 09	Black	LED	-	7,2w	98,03	0.30	0.20
402L 03 09	Gold	LED	-	7,2w	98,03	0.30	0.20
402L 05 09	Chrome	LED	-	7,2w	98,03	0.30	0.20
402L 52 09	Chrome matt	LED	-	7,2w	98,03	0.30	0.20
402L 90 09	Titanium	LED	-	7,2w	98,03	0.30	0.20

Includes LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
402L 01 12	White	LED	E-27	12w	162,30	0.30	0.20
402L 02 12	Black	LED	E-27	12w	168,92	0.30	0.20
402L 03 12	Gold	LED	E-27	12w	168,92	0.30	0.20
402L 05 12	Chrome	LED	E-27	12w	168,92	0.30	0.20
402L 52 12	Chrome matt	LED	E-27	12w	168,92	0.30	0.20
402L 90 12	Titanium	LED	E-27	12w	168,92	0.30	0.20



Ref. FP 140
Protective filters



Ref. CS 140
Halo glass

Example to write a reference with options

Downlight PL 18w Halo glass

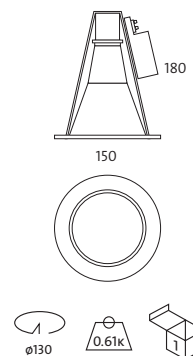
Ref. 402 01 18 84 CS140

White 4200°K

Faceto

Protection degree IP20

- Material:** Steel sheet thermo painted.
- Optics:** High performance aluminium faceted reflector.
- Supply:** Control gear for PL lamps.
- Lamps:** It uses low consumption lamps PL of 9, 13 and 18 watts, suitable for domestic and commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, black, gold, chrome, chrome matt and titanium.
By request: 55 nickel, 57 nickel matt.



Includes control gear and lamp PLT

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
403 01 09 84	White	PL	G23	1x9w	26,18	0.30	0.20
403 02 09 84	Black	PL	G23	1x9w	29,27	0.30	0.20
403 03 09 84	Gold	PL	G23	1x9w	29,27	0.30	0.20
403 05 09 84	Chrome	PL	G23	1x9w	29,27	0.30	0.20
403 52 09 84	Chrome matt	PL	G23	1x9w	29,27	0.30	0.20
403 90 09 84	Titanium	PL	G23	1x9w	29,27	0.30	0.20
403 01 13 84	White	PL	G24d-1	1x13w	26,19	0.30	0.20
403 02 13 84	Black	PL	G24d-1	1x13w	29,28	0.30	0.20
403 03 13 84	Gold	PL	G24d-1	1x13w	29,28	0.30	0.20
403 05 13 84	Chrome	PL	G24d-1	1x13w	29,28	0.30	0.20
403 52 13 84	Chrome matt	PL	G24d-1	1x13w	29,28	0.30	0.20
403 90 13 84	Titanium	PL	G24d-1	1x13w	29,28	0.30	0.20
403 01 18 84	White	PL	G24d-2	1x18w	26,20	0.30	0.20
403 02 18 84	Black	PL	G24d-2	1x18w	29,29	0.30	0.20
403 03 18 84	Gold	PL	G24d-2	1x18w	29,29	0.30	0.20
403 05 18 84	Chrome	PL	G24d-2	1x18w	29,29	0.30	0.20
403 52 18 84	Chrome matt	PL	G24d-2	1x18w	29,29	0.30	0.20
403 90 18 84	Titanium	PL	G24d-2	1x18w	29,29	0.30	0.20

* Supplied in a standard manner with 4200° K lamp

Includes lamp R 63 LED

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
403 01 06	White	LED	E-27	6w	75,10	0.30	0.20
403 02 06	Black	LED	E-27	6w	78,18	0.30	0.20
403 03 06	Gold	LED	E-27	6w	78,18	0.30	0.20
403 05 06	Chrome	LED	E-27	6w	78,18	0.30	0.20
403 52 06	Chrome matt	LED	E-27	6w	78,18	0.30	0.20
403 90 06	Titanium	LED	E-27	6w	78,18	0.30	0.20

Without lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
403 01	White	-	E-27	-	17,21	0.30
403 02	Black	-	E-27	-	19,36	0.30
403 03	Gold	-	E-27	-	19,36	0.30
403 04	Grafito	-	E-27	-	19,36	0.30
403 05	Chrome	-	E-27	-	19,36	0.30
403 52	Chrome matt	-	E-27	-	19,36	0.30
403 90	Titanium	-	E-27	-	19,36	0.30

Includes electronic equipment and LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
403L 01 09	White	LED	-	7,2w	83,13	0.30	0.20
403L 02 09	Black	LED	-	7,2w	85,28	0.30	0.20
403L 03 09	Gold	LED	-	7,2w	85,28	0.30	0.20
403L 04 09	Grafito	LED	-	7,2w	85,28	0.30	0.20
403L 05 09	Chrome	LED	-	7,2w	85,28	0.30	0.20
403L 52 09	Chrome matt	LED	-	7,2w	85,28	0.30	0.20
403L 90 09	Titanium	LED	-	7,2w	85,28	0.30	0.20

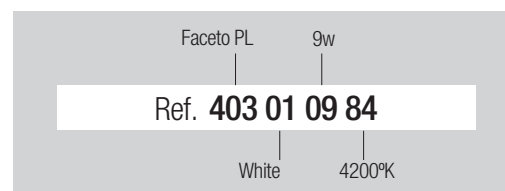
OPTIONS	Ref. 82	Ref. 83	Ref. 84	Ref. 86
IRC / Colour temperature	2700°K	3000°K	4200°K	6500°K
PL 9w	•	•	•	
PL 13w	•	•	•	•
PL 18w	•	•	•	•

1x9/13/18/26w

Rough price increase of control gear		€
Ref. AF	High factor	2.90
Ref. BE	Electronic ballast	19.00
Ref. BR	Dimmable ballast 1-10v	85.00
Ref. TD	Dimmable ballast Touch and Dim	85.00
Ref. CF	Lighting control system "master"	129.00
Ref. FP	Lighting sensor control system "master"	275.00
Ref. KE	Emergency kit	130.00

Rough price increase of accessories		€
Ref. WL	Wieland connector	16,30

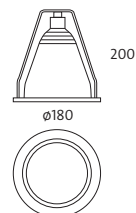
Example to write a reference with options



Variante

Protection degree IP20

- Material:** Steel sheet thermo painted.
- Optics:** High performance aluminium faceted reflector. It can be supplied with a transparent protective filter (Ref. FP 140) for an IP43 protection or a suspended matt glass ring (Ref. CM 497).
- Supply:** Electronic equipment is included. Control gear for PL lamps. Optionally supplied with electronic ballast or with domotics sensors systems for all the models. (see the options of the table). Driver for LED lamps.
- Lamps:** It uses low consumption lamps PL of 9, 13, 18 and 26 watts and LED lamps 14,4w, suitable for domestic and commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, black, gold, chrome, chrome matt and titanium.
By request: 55 nickel, 57 nickel matt.



Includes control gear and PL lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
417 01 09 84	White	PL	G23	1x9w	29,42	0.30	0.20
417 02 09 84	Black	PL	G23	1x9w	36,15	0.30	0.20
417 03 09 84	Gold	PL	G23	1x9w	36,15	0.30	0.20
417 05 09 84	Chrome	PL	G23	1x9w	36,15	0.30	0.20
417 52 09 84	Chrome matt	PL	G23	1x9w	36,15	0.30	0.20
417 90 09 84	Titanium	PL	G23	1x9w	36,15	0.30	0.20
418 01 13 84	White	PL	G24d-1	1x13w	29,43	0.30	0.20
418 02 13 84	Black	PL	G24d-1	1x13w	36,16	0.30	0.20
418 03 13 84	Gold	PL	G24d-1	1x13w	36,16	0.30	0.20
418 05 13 84	Chrome	PL	G24d-1	1x13w	36,16	0.30	0.20
418 52 13 84	Chrome matt	PL	G24d-1	1x13w	36,16	0.30	0.20
418 90 13 84	Titanium	PL	G24d-1	1x13w	36,16	0.30	0.20
419 01 18 84	White	PL	G24d-2	1x18w	29,44	0.30	0.20
419 02 18 84	Black	PL	G24d-2	1x18w	36,17	0.30	0.20
419 03 18 84	Gold	PL	G24d-2	1x18w	36,17	0.30	0.20
419 05 18 84	Chrome	PL	G24d-2	1x18w	36,17	0.30	0.20
419 52 18 84	Chrome matt	PL	G24d-2	1x18w	36,17	0.30	0.20
419 90 18 84	Titanium	PL	G24d-2	1x18w	36,17	0.30	0.20
420 01 26 84	White	PL	G24d-3	1x26w	29,45	0.30	0.20
420 02 26 84	Black	PL	G24d-3	1x26w	36,18	0.30	0.20
420 03 26 84	Gold	PL	G24d-3	1x26w	36,18	0.30	0.20
420 05 26 84	Chrome	PL	G24d-3	1x26w	36,18	0.30	0.20
420 52 26 84	Chrome matt	PL	G24d-3	1x26w	36,18	0.30	0.20
420 90 26 84	Titanium	PL	G24d-3	1x26w	36,18	0.30	0.20

* Supplied in a standard manner with 4200° K lamp

OPTIONS	Ref. 82	Ref. 83	Ref. 84	Ref. 86
IRC / Colour temperature	2700°K	3000°K	4200°K	6500°K
PL 9w	•	•	•	
PL 13w	•	•	•	•
PL 18w	•	•	•	•
PL 26w	•	•	•	•

Rough price increase of control gear

Ref.	Description	1x9/13/18/26w €
Ref. AF	High factor	2.90
Ref. BE	Electronic ballast	19.00
Ref. BR	Dimmable ballast 1-10v	87.00
Ref. TD	Dimmable ballast Touch and Dim	87.00
Ref. CF	Lighting control system "master"	136.00
Ref. FP	Lighting sensor control system "master"	283.00
Ref. KE	Emergency kit	130.00

Rough price increase of accessories

Ref.	Description	€
Ref. FP 140	Protective filters	13,82
Ref. CS 140	Halo glass	15,63
Ref. WL	Wieland connector	16,30

Without lamp

E-27

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
413 01	White	-	E-27	-	26,49	0.30	
413 02	Black	-	E-27	-	32,15	0.30	
413 03	Gold	-	E-27	-	32,15	0.30	
413 05	Chrome	-	E-27	-	32,15	0.30	
413 52	Chrome matt	-	E-27	-	32,15	0.30	
413 90	Titanium	-	E-27	-	32,15	0.30	

Includes driver and 1 LED lamp 14,4W



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
420 01 14	White	LED	G-24d-3	1x14,4w	81,40	0.65	0.20
420 02 14	Black	LED	G-24d-3	1x14,4w	88,10	0.65	0.20
420 03 14	Gold	LED	G-24d-3	1x14,4w	88,10	0.65	0.20
420 05 14	Chrome	LED	G-24d-3	1x14,4w	88,10	0.65	0.20
420 52 14	Chrome matt	LED	G-24d-3	1x14,4w	88,10	0.65	0.20
494 90 14	Titanium	LED	G-24d-3	1x14,4w	88,10	0.65	0.20

* Supplied in a standard manner with 5400° K lamp

OPTIONS LED PL 14,4w*

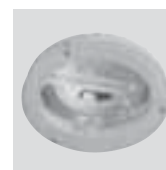
IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K

(*) It includes LED chips Osram Golden Dragon Plus.



Ref. FP 140
Protective filters



Ref. CS 140
Halo glass

Example to write a reference with options

Variante PL 26w High factor

Ref. **020 01 26 83 AF FP140**

White 3000°K Protective filters

Variante



Supor HQI

Protection degree IP20 / IP43

- Material:** Conformed aluminium thermo painted.
- Optics:** Aluminium reflector. It includes protection glass that prevents the dazzling light.
- Supply:** Control gear for HQI lamp. Control gears adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** It uses HQI of 70 and 150w lamps, suitable for commercial use, exhibition areas and group facilities due to its high lighting output.
- Installation:** Directly screw on ceiling or on wall (screw not included) or hang up with a suspension (Ref. 1211).
- Colours:** White, black, chrome matt and titanium.

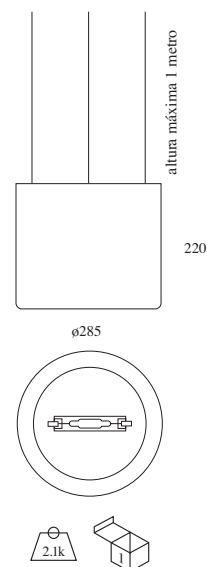


Supor HQI surface

Includes control gear, protection glass and HQI lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
725C 01	White	HQI RX7s	1x70w		167,36	0.65	0.30
725C 02	Black	HQI RX7s	1x70w		175,76	0.65	0.30
725C 52	Chrome matt	HQI RX7s	1x70w		175,76	0.65	0.30
725C 90	Titanium	HQI RX7s	1x70w		175,76	0.65	0.30
726C 01	White	HQI RX7s	1x150w		175,74	0.65	0.30
726C 02	Black	HQI RX7s	1x150w		183,91	0.65	0.30
726C 52	Chrome matt	HQI RX7s	1x150w		183,91	0.65	0.30
726C 90	Titanium	HQI RX7s	1x150w		183,91	0.65	0.30

* Supplied in a standard manner with 4200° K lamp



Ref. 1211
Suspension kit. Standard version 1 metre length. Made-to-measure possibility.

OPTIONS	Ref. 30	Ref. 42
Colour temperature	3000K°	4200°K
HQI 70w	•	•
HQI 150w	•	•

Rough price increase of accessories	€
Ref. 1211 Suspension kit	26,80

Example to write a reference with options

Supor HQI 150w 3000°K

Ref. **726C 52 83 BE**

Chrome matt Electronic ballast

Luzco HQI

Protection degree IP20 / IP43

- Material:** Conformed aluminium thermo painted.
- Optics:** Aluminium reflector. It includes protection glass that prevents the dazzling lighth.
- Supply:** Control gear for HQI lamps. control gears adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** It uses HQI of 70 and 150w lamps, suitable for commercial use, exhibition areas and group facilities due to its high lighting output.
- Installation:** Directly screw on ceiling or on wall (screw not included) or hang up with a suspension (Ref. 1211).
- Colours:** White, black, chrome matt and titanium.

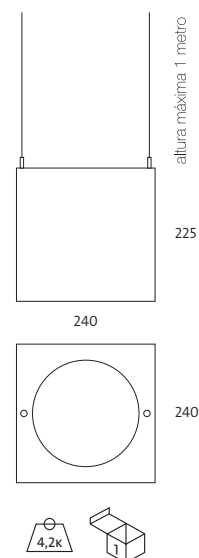


Luzco HQI surface

Includes control gear, protection glass and HQI lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
727C 01	White	HQI	RX7s	1x70w	183,20	0.65	0.30
727C 02	Black	HQI	RX7s	1x70w	191,61	0.65	0.30
727C 52	Chrome matt	HQI	RX7s	1x70w	191,61	0.65	0.30
727C 90	Titanium	HQI	RX7s	1x70w	191,61	0.65	0.30
728C 01	White	HQI	RX7s	1x150w	191,63	0.65	0.30
728C 02	Black	HQI	RX7s	1x150w	199,77	0.65	0.30
728C 52	Chrome matt	HQI	RX7s	1x150w	199,77	0.65	0.30
728C 90	Titanium	HQI	RX7s	1x150w	199,77	0.65	0.30

* Supplied in a standard manner with 4200° K lamp

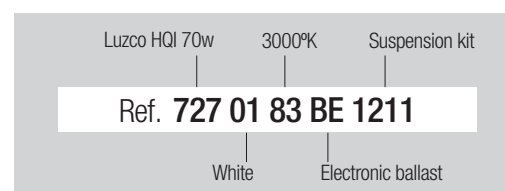


Ref. 1211
Suspension kit. Standard version 1 metre length. Made-to-measure possibility.

OPTIONS	Ref. 30	Ref. 42
Colour temperature	3000K°	4200°K
HQI 70w	•	•
HQI 150w	•	•

Rough price increase of accessories		€
Ref. 1211	Suspension kit	26,80

Example to write a reference with options



Ducto HQI

Protection degree IP43

- Material:** Injected zamak thermo painted.
- Optics:** Aluminium reflector. It includes protection glass for an IP43 protection.
- Supply:** Control gears adapted to the type of lamp and to the power needed are included.
- Lamps:** It uses HQI 70 and 150w lamps, suitable for commercial and industrial areas.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, black, gold, chrome, chrome matt and titanium
By request:55 nickel, 57 nickel matt.



DUCTO HQI 70/150W

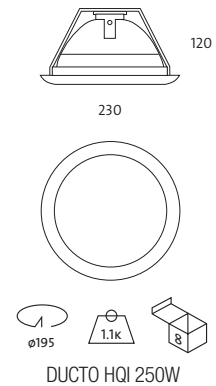
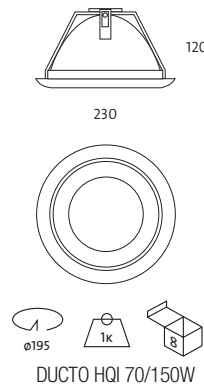


DUCTO HQI 250W

Includes protection glass, control gear and lamp HQI

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
753 01 70	White	HQI	RX7s	1x70w	105,98	0.65	0.30
753 02 70	Black	HQI	RX7s	1x70w	112,55	0.65	0.30
753 03 70	Gold	HQI	RX7s	1x70w	112,55	0.65	0.30
753 05 70	Chrome	HQI	RX7s	1x70w	112,55	0.65	0.30
753 52 70	Chrome matt	HQI	RX7s	1x70w	112,55	0.65	0.30
753 90 70	Titanium	HQI	RX7s	1x70w	112,55	0.65	0.30
754 01 15	White	HQI	RX7s	1x150w	123,80	0.65	0.30
754 02 15	Black	HQI	RX7s	1x150w	128,66	0.65	0.30
754 03 15	Gold	HQI	RX7s	1x150w	128,66	0.65	0.30
754 05 15	Chrome	HQI	RX7s	1x150w	128,66	0.65	0.30
754 52 15	Chrome matt	HQI	RX7s	1x150w	128,66	0.65	0.30
754 90 15	Titanium	HQI	RX7s	1x150w	128,66	0.65	0.30
757 01 25	White	HQI	RX7s	1x250w	179,94	0.65	0.30
757 02 25	Black	HQI	RX7s	1x250w	185,32	0.65	0.30
757 03 25	Gold	HQI	RX7s	1x250w	185,32	0.65	0.30
757 05 25	Chrome	HQI	RX7s	1x250w	185,32	0.65	0.30
757 52 25	Chrome matt	HQI	RX7s	1x250w	185,32	0.65	0.30
757 90 25	Titanium	HQI	RX7s	1x250w	185,32	0.65	0.30

* Supplied in a standard manner with 4200° K lamp



OPTIONS	Ref. 83	Ref. 84
Colour temperature	3000K°	4200°K
HQI 70w	•	•
HQI 150w	•	•
HQI 250w	•	•

OPTIONS	70w	150w
Rough price increase of control gear	€	€
Ref. BE Electronic ballast	18,75	19,80

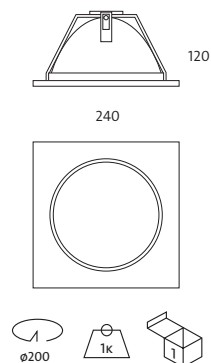
Example to write a reference with options

Ducto HQI 250w
 | |
Ref. 757 05 25 83
 | |
 Chrome 3000°K

Dendo HQI round ceiling cut

Protection degree IP43

- Material:** Steel sheet thermo painted.
- Optics:** Aluminium reflector. It includes protection glass for an IP43 protection.
- Supply:** Control gears adapted to the type of lamp and to the power needed are included.
- Lamps:** It uses HQI of 70 and 150w lamps, suitable for commercial and industrial areas.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings. It has the advantage of being installed on a round ceiling cut.
- Colours:** White, black, gold, chrome, chrome matt and titanium
By request: 55 nickel, 57 nickel matt.



Includes protection glass, control gear and lamp HQI



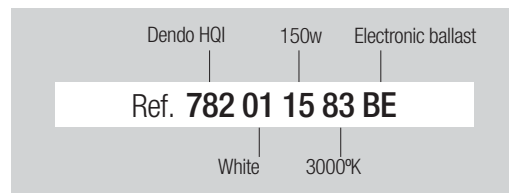
Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
781 01 70	White	HQI RX7s	1x70w		103,62	0.65	0.30
781 02 70	Black	HQI RX7s	1x70w		109,63	0.65	0.30
781 03 70	Gold	HQI RX7s	1x70w		109,63	0.65	0.30
781 05 70	Chrome	HQI RX7s	1x70w		109,63	0.65	0.30
781 52 70	Chrome matt	HQI RX7s	1x70w		109,63	0.65	0.30
781 90 70	Titanium	HQI RX7s	1x70w		109,63	0.65	0.30
782 01 15	White	HQI RX7s	1x150w		113,88	0.65	0.30
782 02 15	Black	HQI RX7s	1x150w		119,55	0.65	0.30
782 03 15	Gold	HQI RX7s	1x150w		119,55	0.65	0.30
782 05 15	Chrome	HQI RX7s	1x150w		119,55	0.65	0.30
782 52 15	Chrome matt	HQI RX7s	1x150w		119,55	0.65	0.30
782 90 15	Titanium	HQI RX7s	1x150w		119,55	0.65	0.30

* Supplied in a standard manner with 4200° K lamp

OPTIONS	Ref. 83	Ref. 84
Colour temperature	3000K°	4200°K
HQI 70w	•	•
HQI 150w	•	•

OPTIONS		70w	150w
Rough price increase of control gear		€	€
Ref. BE Electronic ballast		18,75	19,80

Example to write a reference with options



Recessed rectangular 70/150w

Protection degree IP42

- Material:** Chapa de acero with recubrimiento de pintura al horno.
- Optics:** Reflector de aluminio. Incorpora protection glass que le dota de un IP42.
- Supply:** Se includes control gear adecuado al tipo de lamp and potencia a usar. Halogenuro metálico lineal HQI de 70 and 150w, recomendables para espacios comerciales e industriales.
- Lamps:** Para empotrar en falso techo, adaptable a todo tipo de techos modulares and de escayola.
- Installation:** White, negro, dorado and cromado.
- Colours:** Bajo pedido: 55 níquel matt, 57 níquel satinado, 90 titanio.



Includes protection glass, control gear and lamp HQI

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
705 01 70	White	HQI RX7s	1x70w		101,14	0.65	0.30
705 02 70	Black	HQI RX7s	1x70w		119,69	0.65	0.30
705 03 70	Gold	HQI RX7s	1x70w		119,69	0.65	0.30
705 05 70	Chrome	HQI RX7s	1x70w		119,69	0.65	0.30
705 52 70	Chrome matt	HQI RX7s	1x70w		119,69	0.65	0.30
705 57 70	Níquel rayado	HQI RX7s	1x70w		119,69	0.65	0.30
705 90 70	Titanium	HQI RX7s	1x70w		119,69	0.65	0.30
701 01 15	White	HQI RX7s	1x150w		117,90	0.65	0.30
701 02 15	Black	HQI RX7s	1x150w		137,89	0.65	0.30
701 03 15	Gold	HQI RX7s	1x150w		137,89	0.65	0.30
701 05 15	Chrome	HQI RX7s	1x150w		137,89	0.65	0.30
701 52 15	Chrome matt	HQI RX7s	1x150w		137,89	0.65	0.30
701 57 15	Níquel rayado	HQI RX7s	1x150w		137,89	0.65	0.30
701 90 15	Titanium	HQI RX7s	1x150w		137,89	0.65	0.30

* Supplied in a standard manner with 4200° K lamp

Dendo HQI / Compact HQI / Empotr. rectangular

Compact HQI

Protection degree IP43

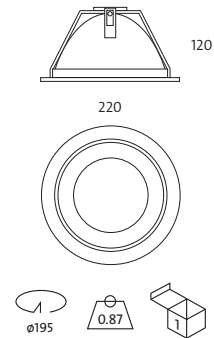
- Material:** Steel sheet thermo painted.
- Optics:** Aluminium reflector. It includes protection glass for an IP43 protection.
- Supply:** Control gears adapted to the type of lamp and to the power needed are included.
- Lamps:** It uses HQI of 70 and 150w lamps, suitable for commercial and industrial areas.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, black, gold, chrome, chrome matt and titanium.
By request: 55 nickel, 57 nickel matt.



Includes protection glass, control gear and lamp HQI

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
708 01 70	White	HQI	RX7s	1x70w	101,90	0.65	0.30
708 02 70	Black	HQI	RX7s	1x70w	110,19	0.65	0.30
708 03 70	Gold	HQI	RX7s	1x70w	110,19	0.65	0.30
708 05 70	Chrome	HQI	RX7s	1x70w	110,19	0.65	0.30
708 52 70	Chrome matt	HQI	RX7s	1x70w	110,19	0.65	0.30
708 90 70	Titanium	HQI	RX7s	1x70w	110,19	0.65	0.30
709 01 15	White	HQI	RX7s	1x150w	119,79	0.65	0.30
709 02 15	Black	HQI	RX7s	1x150w	125,18	0.65	0.30
709 03 15	Gold	HQI	RX7s	1x150w	125,18	0.65	0.30
709 05 15	Chrome	HQI	RX7s	1x150w	125,18	0.65	0.30
709 52 15	Chrome matt	HQI	RX7s	1x150w	125,18	0.65	0.30
709 90 15	Titanium	HQI	RX7s	1x150w	125,18	0.65	0.30

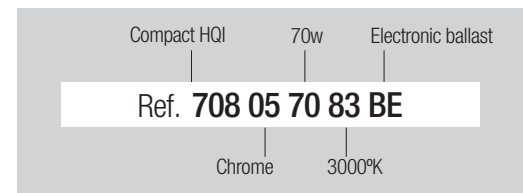
* Supplied in a standard manner with 4200° K lamp



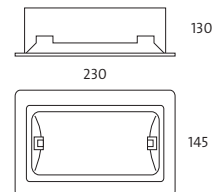
OPTIONS	Ref. 83	Ref. 84
Colour temperature	3000K°	4200°K
HQI 70w	•	•
HQI 150w	•	•

OPTIONS	70w	150w
Rough price increase of control gear	€	€
Ref. BE Electronic ballast	18,75	19,80

Example to write a reference with options

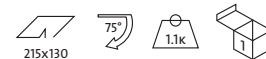


Recessed rectangular 70/150w

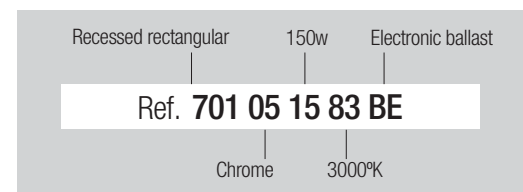


OPTIONS	Ref. 83	Ref. 84
Colour temperature	3000K°	4200°K
HQI 70w	•	•
HQI 150w	•	•

OPTIONS	70w	150w
Rough price increase of control gear	€	€
Ref. BE Electronic ballast	18,75	19,80



Example to write a reference with options



Micra HQI

Protection degree IP20 / IP43

- Material:** Steel sheet thermo painted.
- Optics:** Highly-reflective aluminium reflector. It can be supplied with transparent protective glass (Ref. MT), matt glass (Ref. MM) or transparent/matt glass (Ref. MTM) for an IP43 protection.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** It uses HQI of 70 and 150w lamps, suitable for commercial use, exhibition areas and group facilities due to its high lighting output.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings. It has the advantage of being installed on a round ceiling cut.
- Colours:** White, chrome matt and titanium.
By request: 02 black, 03 gold, 55 nickel, 57 nickel matt.

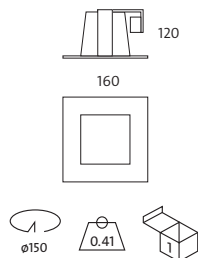


Micra HQI

Includes protection glass, control gear and lamp HQI

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
017G 01 70 84	White	HQI	G-12	1x70w	188,30	0.30	0.30
017G 05 70 84	Chrome	HQI	G-12	1x70w	192,40	0.30	0.30
017G 52 70 84	Chrome matt	HQI	G-12	1x70w	192,40	0.30	0.30
017G 90 70 84	Titanium	HQI	G-12	1x70w	192,40	0.30	0.30
017G 01 15 84	White	HQI	G-12	1x150w	190,59	0.30	0.30
017G 05 15 84	Chrome	HQI	G-12	1x150w	194,69	0.30	0.30
017G 52 15 84	Chrome matt	HQI	G-12	1x150w	194,69	0.30	0.30
017G 90 15 84	Titanium	HQI	G-12	1x150w	194,69	0.30	0.30

* Supplied in a standard manner with 4200° K lamp



Ref. **MT**
Transparent glass.



Ref. **MM**
Matt glass.



Ref. **MTM**
Transparent glass/matt.

OPTIONS	Ref. 83	Ref. 84
IRC / Colour temperature	3000°K	4200°K
HQI 70w	•	•
HQI 150w	•	•

OPTIONS	70w	150w
Rough price increase of control gear	€	€
Ref. BE Electronic ballast	18,75	19,80

Example to write a reference with options

Micra 26w Electronic ballast
 Ref. **016 01 26 83 BE MM**
 White 3000°K Matt glass

Sato HQI

Protection degree IP20 / IP43

- Material:** Steel sheet thermo painted.
- Optics:** Highly-reflective aluminium reflector. It can be supplied with transparent protective glass (Ref. ST), matt glass (Ref. SM) or transparent/matt glass (Ref. STM) for an IP43 protection.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** It uses HQI of 70 and 150w lamps, suitable for commercial use, exhibition areas and group facilities due to its high lighting output.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings. It has the advantage of being installed on a round ceiling cut.
- Colours:** White, chrome matt and titanium.

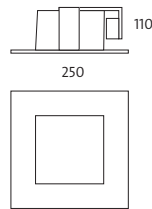


Sato HQI

Includes control gear and lamp HQI

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
019F 01 70 84	White	HQI	RX7s	70w	148,67	0.65	0.30
019F 05 70 84	Chrome	HQI	RX7s	70w	157,51	0.65	0.30
019F 52 70 84	Chrome matt	HQI	RX7s	70w	157,51	0.65	0.30
019F 90 70 84	Titanium	HQI	RX7s	70w	157,51	0.65	0.30
019F 01 15 84	White	HQI	RX7s	150w	156,33	0.65	0.30
019F 05 15 84	Chrome	HQI	RX7s	150w	165,18	0.65	0.30
019F 52 15 84	Chrome matt	HQI	RX7s	150w	165,18	0.65	0.30
019F 90 15 84	Titanium	HQI	RX7s	150w	165,18	0.65	0.30

* Supplied in a standard manner with 4200° K lamp



Ref. **ST**
Transparent glass.



Ref. **SM**
Matt glass.



Ref. **STM**
Transparent glass/matt.

OPTIONS	Ref. 83	Ref. 84
IRC / Colour temperature	3000°K	4200°K
HQI 70w	•	•
HQI 150w	•	•

OPTIONS	70w	150w
Rough price increase of control gear	€	€
Ref. BE Electronic ballast	18,75	19,80

Example to write a reference with options

Sato HQI 70w

Ref. **019F 01 70 83 SM**

White 3000°K Matt glass





Emergency Ergo

Protection degree IP44

- Material:** Support in thermo painted steel sheet. Body made in plastic injected and polycarbonate diffuser.
- Optics:** There are 2 versions: transparent diffuser and matt diffuser. It can be supplied with the translucent printed signs in the diffuser.
It uses batteries for one hour of autonomy running (optionally available for three hours).
- Supply:** It remains off and in auto reload operation, working again in a power cut case. Electronic equipment and batteries included in the luminaries.
- Lamps:** Fluorescent lamp T5 of 4w for 40 and 70 lumens and fluorescent compact lamp PLS of 9w for 80 and 300 lumens.
- Installation:** Recessed Ergo: Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
Surface Ergo: Directly screw on ceiling (screw not included).
- Colours:** White, chrome, chrome matt and titanium



Surface emergency Ergo

Surface emergency Ergo, transparent diffuser, 40 Lum.

Includes electronic transformer, lamp T5 and transparent diffuser.

Ref.	Colour	Lamp.	L/H	W	Lum.	€	lum. lamp ^{RAEE}	
4145 01 40	White	T5	G5	4w	40	43,54	0.20	0.30
4145 05 40	Chrome	T5	G5	4w	40	56,42	0.20	0.30
4145 52 40	Chrome matt	T5	G5	4w	40	45,86	0.20	0.30
4145 90 40	Titanium	T5	G5	4w	40	45,86	0.20	0.30

Surface emergency Ergo, matt diffuser, 40 Lum.

Includes electronic transformer, lamp T5 and matt diffuser.

Ref.	Colour	Lamp.	L/H	W	Lum.	€	lum. lamp ^{RAEE}	
4145 01 40M	White	T5	G5	4w	40	44,16	0.20	0.30
4145 05 40M	Chrome	T5	G5	4w	40	57,04	0.20	0.30
4145 52 40M	Chrome matt	T5	G5	4w	40	46,48	0.20	0.30
4145 90 40M	Titanium	T5	G5	4w	40	46,48	0.20	0.30

Surface emergency Ergo, transparent diffuser, 70 Lum.

Includes electronic transformer, lamp T5 and transparent diffuser.

Ref.	Colour	Lamp.	L/H	W	Lum.	€	lum. lamp ^{RAEE}	
4145 01 70	White	T5	G5	4w	70	45,06	0.20	0.30
4145 05 70	Chrome	T5	G5	4w	70	59,58	0.20	0.30
4145 52 70	Chrome matt	T5	G5	4w	70	46,71	0.20	0.30
4145 90 70	Titanium	T5	G5	4w	70	46,71	0.20	0.30

Surface emergency Ergo, matt diffuser, 70 Lum.

Includes electronic transformer, lamp T5 and matt diffuser.

Ref.	Colour	Lamp.	L/H	W	Lum.	€	lum. lamp ^{RAEE}	
4145 01 70M	White	T5	G5	4w	70	45,68	0.20	0.30
4145 05 70M	Chrome	T5	G5	4w	70	60,20	0.20	0.30
4145 52 70M	Chrome matt	T5	G5	4w	70	47,32	0.20	0.30
4145 90 70M	Titanium	T5	G5	4w	70	47,32	0.20	0.30

Surface emergency Ergo, transparent diffuser, 180 Lum.

Includes electr. transformer, lamp PLS and transparent diffuser.

Ref.	Colour	Lamp.	L/H	W	Lum.	€	lum. lamp ^{RAEE}	
4145 01 18	White	PLS	2G7	9w	180	49,07	0.20	0.20
4145 05 18	Chrome	PLS	2G7	9w	180	63,75	0.20	0.20
4145 52 18	Chrome matt	PLS	2G7	9w	180	50,88	0.20	0.20
4145 90 18	Titanium	PLS	2G7	9w	180	50,88	0.20	0.20

Surface emergency Ergo, matt diffuser, 180 Lum.

Includes electronic transformer, lamp PLS and matt diffuser.

Ref.	Colour	Lamp.	L/H	W	Lum.	€	lum. lamp ^{RAEE}	
4145 01 18M	White	PLS	2G7	9w	180	49,69	0.20	0.20
4145 05 18M	Chrome	PLS	2G7	9w	180	64,37	0.20	0.20
4145 52 18M	Chrome matt	PLS	2G7	9w	180	51,50	0.20	0.20
4145 90 18M	Titanium	PLS	2G7	9w	180	51,50	0.20	0.20

Surface emergency Ergo, transparent diffuser, 300 Lum.

Includes electr. transformer, lamp PLS and transparent diffuser.

Ref.	Colour	Lamp.	L/H	W	Lum.	€	lum. lamp ^{RAEE}	
4145 01 30	White	PLS	2G7	9w	300	56,75	0.20	0.20
4145 05 30	Chrome	PLS	2G7	9w	300	60,97	0.20	0.20
4145 52 30	Chrome matt	PLS	2G7	9w	300	58,29	0.20	0.20
4145 90 30	Titanium	PLS	2G7	9w	300	58,29	0.20	0.20

Surface emergency Ergo, matt diffuser, 300 Lum.

Includes electronic transformer, lamp PLS and matt diffuser.

Ref.	Colour	Lamp.	L/H	W	Lum.	€	lum. lamp ^{RAEE}	
4145 01 30M	White	PLS	2G7	9w	300	57,37	0.20	0.20
4145 05 30M	Chrome	PLS	2G7	9w	300	71,89	0.20	0.20
4145 52 30M	Chrome matt	PLS	2G7	9w	300	58,91	0.20	0.20
4145 90 30M	Titanium	PLS	2G7	9w	300	58,91	0.20	0.20

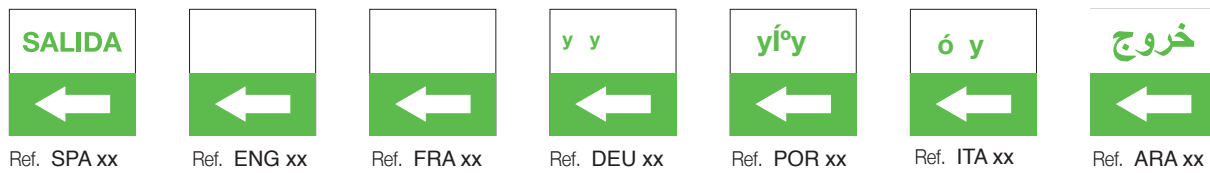
Emergency Ergo



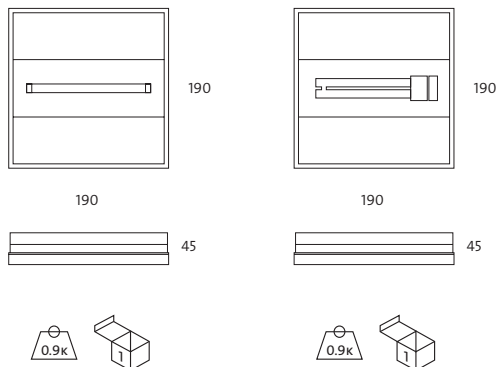
Ref. XXX XX

SPA	ENG	0A	0B	0C
FRA	DEU	0D	0E	0F
POR	ITA	0G		
ARA				

LANGUAGE



MODEL



Example to write a reference with options

Ergo surface 180 lum/matt diffuser

Ref. **145 01 18M SPA 0B**

White Spanish Right arrow exit sign

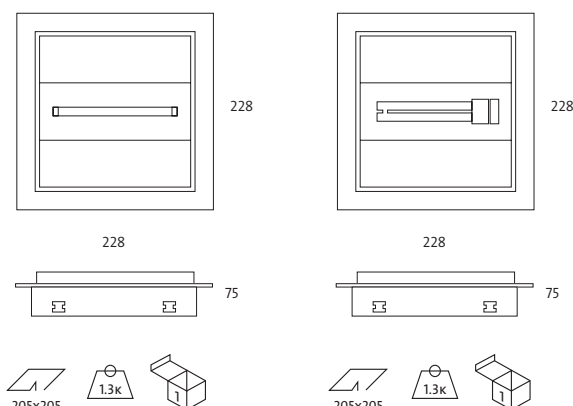
OPTIONS

Rough price increase of accessories

Ref. xxx xx	Signage to print	€ 4,60
-------------	------------------	--------







Recessed emergency Ergo

Recessed emergency Ergo, transparent diffuser, 40 Lum.

Includes electronic transformer, lamp T5 and transparent diffuser.

Ref.	Colour	Lamp.	L/H	W	Lum.	€	lum. lamp	
4146 01 40	White	T5 G5	4w	40	57,19	0.20	0.30	
4146 05 40	Chrome	T5 G5	4w	40	72,38	0.20	0.30	
4146 52 40	Chrome matt	T5 G5	4w	40	59,51	0.20	0.30	
4146 90 40	Titanium	T5 G5	4w	40	59,51	0.20	0.30	

Recessed emergency Ergo, matt diffuser, 40 Lum.

Includes electronic transformer, lamp T5 and matt diffuser.

Ref.	Colour	Lamp.	L/H	W	Lum.	€	lum. lamp	
4146 01 40M	White	T5 G5	4w	40	57,81	0.20	0.30	
4146 05 40M	Chrome	T5 G5	4w	40	73,00	0.20	0.30	
4146 52 40M	Chrome matt	T5 G5	4w	40	60,13	0.20	0.30	
4146 90 40M	Titanium	T5 G5	4w	40	60,13	0.20	0.30	

Recessed emergency Ergo, transparent diffuser, 70 Lum.

Includes electronic transformer, lamp T5 and transparent diffuser.

Ref.	Colour	Lamp.	L/H	W	Lum.	€	lum. lamp	
4146 01 70	White	T5 G5	4w	70	58,81	0.20	0.30	
4146 05 70	Chrome	T5 G5	4w	70	74,26	0.20	0.30	
4146 52 70	Chrome matt	T5 G5	4w	70	61,28	0.20	0.30	
4146 90 70	Titanium	T5 G5	4w	70	61,28	0.20	0.30	

Recessed emergency Ergo, matt diffuser, 70 Lum.

Includes electronic transformer, lamp T5 and matt diffuser.

Ref.	Colour	Lamp.	L/H	W	Lum.	€	lum. lamp	
4146 01 70M	White	T5 G5	4w	70	59,43	0.20	0.30	
4146 05 70M	Chrome	T5 G5	4w	70	74,88	0.20	0.30	
4146 52 70M	Chrome matt	T5 G5	4w	70	61,90	0.20	0.30	
4146 90 70M	Titanium	T5 G5	4w	70	61,90	0.20	0.30	

Recessed emergency Ergo, transparent diffuser, 180 Lum.

Includes electr. transformer, lamp PLS and transparent diffuser.

Ref.	Colour	Lamp.	L/H	W	Lum.	€	lum. lamp	
4146 01 18	White	PLS 2G7	9w	180	62,72	0.20	0.20	
4146 05 18	Chrome	PLS 2G7	9w	180	78,17	0.20	0.20	
4146 52 18	Chrome matt	PLS 2G7	9w	180	65,30	0.20	0.20	
4146 90 18	Titanium	PLS 2G7	9w	180	65,30	0.20	0.20	

Recessed emergency Ergo, matt diffuser, 180 Lum.

Includes electronic transformer, lamp PLS and matt diffuser.

Ref.	Colour	Lamp.	L/H	W	Lum.	€	lum. lamp	
4146 01 18M	White	PLS 2G7	9w	180	63,34	0.20	0.20	
4146 05 18M	Chrome	PLS 2G7	9w	180	78,79	0.20	0.20	
4146 52 18M	Chrome matt	PLS 2G7	9w	180	65,92	0.20	0.20	
4146 90 18M	Titanium	PLS 2G7	9w	180	65,92	0.20	0.20	

Recessed emergency Ergo, transparent diffuser, 300 Lum.

Includes electr. transformer, lamp PLS and transparent diffuser.

Ref.	Colour	Lamp.	L/H	W	Lum.	€	lum. lamp	
4146 01 30	White	PLS 2G7	9w	300	70,40	0.20	0.20	
4146 05 30	Chrome	PLS 2G7	9w	300	87,70	0.20	0.20	
4146 52 30	Chrome matt	PLS 2G7	9w	300	74,82	0.20	0.20	
4146 90 30	Titanium	PLS 2G7	9w	300	74,82	0.20	0.20	

Recessed emergency Ergo, matt diffuser, 300 Lum.

Includes electronic transformer, lamp PLS and matt diffuser.

Ref.	Colour	Lamp.	L/H	W	Lum.	€	lum. lamp	
4146 01 30M	White	PLS 2G7	9w	300	71,01	0.20	0.20	
4146 05 30M	Chrome	PLS 2G7	9w	300	88,32	0.20	0.20	
4146 52 30M	Chrome matt	PLS 2G7	9w	300	75,44	0.20	0.20	
4146 90 30M	Titanium	PLS 2G7	9w	300	75,44	0.20	0.20	



Arquik track



Arquik track QR-111 252
Arquik track LED-111
Arquik track CDM-R 111

Proctom track



Proctom track dichroic 254
Proctom track GU-10
Proctom track reflectora



Proctom track QR-111 255



Proctom track LED-111 256



Proctom track CDM-R 111 256
Proctom track CDM-TC 111



Proctom track PAR 30 257



Proctom track Minisodio 257
Proctom track HQI

Combox DC track



Combox DC track dichroic 258
Combox DC track GU-10
Combox DC track led 2/5/7w



Combox DC track dichroic 259
Combox DC track GU-10
Combox DC track led 2/5/7w



Combox DC track dichroic 259
Combox DC track GU-10
Combox DC track led 2/5/7w

Combox QR track



Combox QR-111 track 260
Combox LED-111 track



Combox QR-111 track 260
Combox LED-111 track



Combox QR-111 track 261
Combox LED-111 track

Cartem QR/CDM-R 111 track



Cartem QR-111 track 262
Cartem LED-111 track
Cartem CDM-R 111 track



Cartem QR-111 track 263
Cartem LED-111 track
Cartem CDM-R 111 track

Presscom DC track / Lipsi DC track



Presscom DC track dichroic 266
Presscom DC track LED 2/5W



Presscom DC track dichroic 267
Presscom DC track LED 2/5W



Lipsi DC track dichroic 268
Lipsi DC track LED 2/5W



Lipsi DC track dichroic 269
Lipsi DC track LED 2/5W

Polaris track / Sión track



Polaris track QR-111 270
Polaris track LED-111
Polaris track CDM-R 111



Sión track 271

Lartub track



Lartub track halogen dichroic 272
Lartub track reflective direct
Lartub track LED 7/7,2w



Lartub track QR-111 273
Lartub track LED-111
Lartub track CDM-R 111

Other projectors for track



Twin track halogen dichroic 274
Twin track LED 2/4/5/7w/RGB



Foco surface lineal track 275



Megan track 275



Bicolor for track 276



Foco R-63 track 276





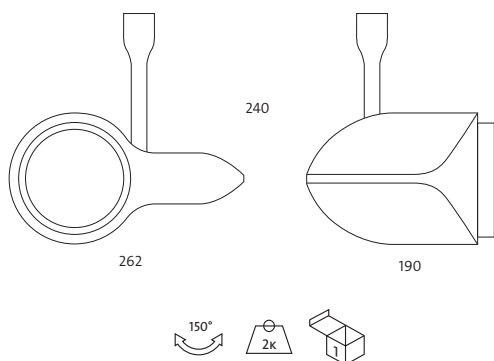
Arquik track QR-111

Includes adapter, electronic transformer and QR-111 lamp



Ref.	Colour	Lamp.	L/H	W	€	RAEE lum.
3069 01 35 24	White	QR-111	G53	1x35w	180,41	0.30
3069 02 35 24	Black	QR-111	G53	1x35w	184,74	0.30
3069 52 35 24	Chrome matt	QR-111	G53	1x35w	184,74	0.30
3069 90 35 24	Titanium	QR-111	G53	1x35w	184,74	0.30
3069 01 50 45	White	QR-111	G53	1x50w	180,43	0.30
3069 02 50 45	Black	QR-111	G53	1x50w	184,76	0.30
3069 52 50 45	Chrome matt	QR-111	G53	1x50w	184,76	0.30
3069 90 50 45	Titanium	QR-111	G53	1x50w	184,76	0.30
3069 01 60 45	White	QR-111	G53	1x60w	190,03	0.30
3069 02 60 45	Black	QR-111	G53	1x60w	194,36	0.30
3069 52 60 45	Chrome matt	QR-111	G53	1x60w	194,36	0.30
3069 90 60 45	Titanium	QR-111	G53	1x60w	194,36	0.30
3069 01 75 45	White	QR-111	G53	1x75w	187,00	0.30
3069 02 75 45	Black	QR-111	G53	1x75w	191,33	0.30
3069 52 75 45	Chrome matt	QR-111	G53	1x75w	191,33	0.30
3069 90 75 45	Titanium	QR-111	G53	1x75w	191,33	0.30
3069 01 10 45	White	QR-111	G53	1x100w	187,02	0.30
3069 02 10 45	Black	QR-111	G53	1x100w	191,35	0.30
3069 52 10 45	Chrome matt	QR-111	G53	1x100w	191,35	0.30
3069 90 10 45	Titanium	QR-111	G53	1x100w	191,35	0.30

* Supplied in a standard manner with maximum lamp level



Arquik track

Protection degree IP20

- Material:** Injected aluminium and steel thermo painted.
- Optics:** Optics incorporated in the lamps.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** It uses halogen lamps QR-111, metal halide CDMR-111 lamps and LED-111 lamps, suitable for public and/or commercial areas.
- Installation:** Directly on electrified track 220v.
- Colours:** White, black, chrome matt and titanium.



Arquik track LED-111

Includes adapter, driver and LED



Ref.	Colour	Lamp	L/H	W	€	lum.	RAEE lamp
3069L 01 14	White	LED-111	G53	1x14w	310,13	0.30	0.20
3069L 02 14	Black	LED-111	G53	1x14w	314,35	0.30	0.20
3069L 52 14	Chrome matt	LED-111	G53	1x14w	314,35	0.30	0.20
3069L 90 14	Titanium	LED-111	G53	1x14w	314,35	0.30	0.20

* Supplied in a standard manner with 3100° K lamp

Arquik track CDM-R 111

Includes adapter, electronic transformer and CDM-R 111 lamp



Ref.	Colour	Lamp	L/H	W	€	lum.	RAEE lamp
3069R 01 35	White	CDM-R	GX8.5	1x35w	377,70	0.30	0.30
3069R 02 35	Black	CDM-R	GX8.5	1x35w	382,02	0.30	0.30
3069R 52 35	Chrome matt	CDM-R	GX8.5	1x35w	382,02	0.30	0.30
3069R 90 35	Titanium	CDM-R	GX8.5	1x35w	382,02	0.30	0.30
3069R 01 70	White	CDM-R	GX8.5	1x70w	378,11	0.30	0.30
3069R 02 70	Black	CDM-R	GX8.5	1x70w	382,33	0.30	0.30
3069R 52 70	Chrome matt	CDM-R	GX8.5	1x70w	382,33	0.30	0.30
3069R 90 70	Titanium	CDM-R	GX8.5	1x70w	382,33	0.30	0.30

* Supplied in a standard manner with maximum lamp bevel

* Supplied in a standard manner with 3000° K lamp

OPTIONS

	Ref. 04	Ref. 08	Ref. 24	Ref. 45
Bevel	4°	8°	24°	45°
QR-111 35w	•		•	
QR-111 50w	•	•	•	•
QR-111 60w		•	•	•
QR-111 75w		•	•	•
QR-111 100w		•	•	•

OPTIONS LED OSRAM DRAGON-X

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K
Ref. 86	6500°K

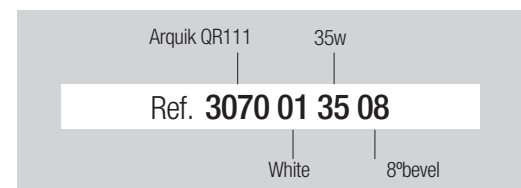
OPTIONS

	Ref. 10	Ref. 24	Ref. 40
Bevel	10°	24°	40°
CDM-R 111 35w	•	•	•
CDM-R 111 70w	•	•	•

Rough price increase of accessories

	€
Ref. 3087 LED Red	30,00
Ref. 3088 LED Green	30,00
Ref. 3089 LED Blu	30,00

Example to write a reference with options



Proctom track

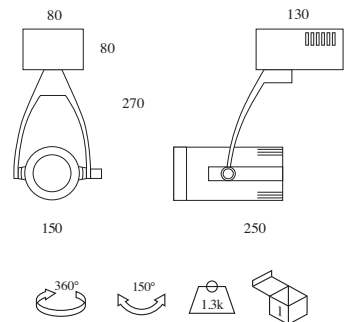
Protection degree IP20

- Material:** Injected and extruded aluminium, thermo painted.
Optics: Optics incorporated in most of de lamps. For HQI G12 and white Mini-sodium, bright aluminium diffusers are incorporated.
Supply: Electronic equipments adapted to differents types of lamps and to the power needed are included when the model requires it.
Lamps: The series of PROCTOM projectors use a wide range of lamps, with different power and consumption, suitable for any type of lighting and application.

- DOMESTIC USE:**
- Dichroic halogen 12v50w.
 - Direct Halogen GU-10 220v.
 - Low consumption lamps.
 - PAR 30 lamps.
 - LED lamps.
 - QR-111 lamps.

- OFFICES AND COMMERCIAL AREAS:**
- Dichroic halogen 12v50w.
 - Direct Halogen GU-10 220v.
 - Low consumption GU-10 220v.
 - PAR 30 lamps.
 - LED lamps.
 - QR-111 lamps.
 - CDM-R 111 / CDM-TC lamps.
 - HQI lamps.
 - White minisodium lamps.

- Installation:** Directly on electrified track 220v.
Colours: White, black, chrome matt and titanium.



Proctom track dichroic

Includes adapter, electronic transformer and halog. dichroic lamp



Ref.	Colour	Lamp	L/H	W	€	lum.	RAEE lum. lamp
002D 01 50	White	12v50w	GU5.3	50w	101,14	0.30	0.20
002D 02 50	Black	12v50w	GU5.3	50w	108,95	0.30	0.20
002D 52 50	Chrome matt	12v50w	GU5.3	50w	108,95	0.30	0.20
002D 90 50	Titanium	12v50w	GU5.3	50w	108,95	0.30	0.20

* Supplied in a standard manner with 36° opening lamp

Proctom track led 2w

Includes adapter and 2W LED lamp



Ref.	Colour	Lamp	L/H	W	€	lum.	RAEE lum. lamp
002L 01 02	White	LED	GU-10	2w	106,60	0.30	0.20
002L 02 02	Black	LED	GU-10	2w	114,41	0.30	0.20
002L 52 02	Chrome matt	LED	GU-10	2w	114,41	0.30	0.20
002L 90 02	Titanium	LED	GU-10	2w	114,41	0.30	0.20

* Supplied in a standard manner with 3000° K lamp

Proctom track led 4w

Includes adapter and 4W LED lamp



Ref.	Colour	Lamp	L/H	W	€	lum.	RAEE lum. lamp
002L 01 04	White	LED	GU-10	4w	140,49	0.30	0.20
002L 02 04	Black	LED	GU-10	4w	148,29	0.30	0.20
002L 52 04	Chrome matt	LED	GU-10	4w	148,29	0.30	0.20
002L 90 04	Titanium	LED	GU-10	4w	148,29	0.30	0.20

* Supplied in a standard manner with 3000° K lamp

Proctom track led 5w

Includes adapter, driver and 5W LED lamp



Ref.	Colour	Lamp	L/H	W	€	lum.	RAEE lum. lamp
002L 01 05	White	LED	GU5.3	5w	145,74	0.30	0.20
002L 02 05	Black	LED	GU5.3	5w	153,55	0.30	0.20
002L 52 05	Chrome matt	LED	GU5.3	5w	153,55	0.30	0.20
002L 90 05	Titanium	LED	GU5.3	5w	153,55	0.30	0.20

* Supplied in a standard manner with 3100° K lamp

Proctom track MR16 LED RGB

Includes adapter, driver and MR16 LED RGB lamp



Ref.	Colour	Lamp	L/H	W	€	lum.	RAEE lum. lamp
002L 01 03	White	LED	GU5.3	3w	151,10	0.30	0.20
002L 02 03	Black	LED	GU5.3	3w	160,35	0.30	0.20
002L 52 03	Chrome matt	LED	GU5.3	3w	160,35	0.30	0.20
002L 90 03	Titanium	LED	GU5.3	3w	160,35	0.30	0.20

Rough price increase of accesories

Ref.	€
3080	6,60

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.

Proctom track HQIØ50

Includes adapter, glass, electronic transformer and HQI lamp



Ref.	Colour	Lamp	L/H	W	€	lum.	RAEE lum. lamp
002Y 01	White	HQIØ50	G12	35w	209,60	0.30	0.30
002Y 02	Black	HQIØ50	G12	35w	231,36	0.30	0.30
002Y 52	Chrome matt	HQIØ50	G12	35w	231,36	0.30	0.30
002Y 90	Titanium	HQIØ50	G12	35w	231,36	0.30	0.30

* Supplied in a standard manner with 3000° K lamp

* Supplied in a standard manner with 38° opening lamp

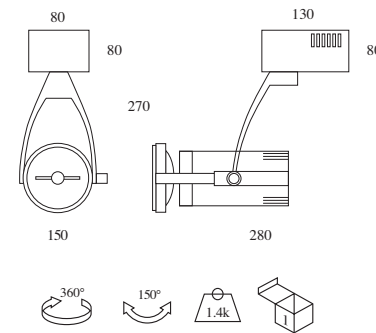
Proctom track QR

Includes adapter, electronic transformer and QR-111 lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
002QC 01 35	White	QR-111	G53	35w	97,80	0.30
002QC 02 35	Black	QR-111	G53	35w	102,79	0.30
002QC 52 35	Chrome matt	QR-111	G53	35w	102,79	0.30
002QC 90 35	Titanium	QR-111	G53	35w	102,79	0.30
002QC 01 50	White	QR-111	G53	50w	97,80	0.30
002QC 02 50	Black	QR-111	G53	50w	102,79	0.30
002QC 52 50	Chrome matt	QR-111	G53	50w	102,79	0.30
002QC 90 50	Titanium	QR-111	G53	50w	102,79	0.30
002QC 01 60	White	QR-111	G53	60w	121,74	0.30
002QC 02 60	Black	QR-111	G53	60w	125,04	0.30
002QC 52 60	Chrome matt	QR-111	G53	60w	125,04	0.30
002QC 90 60	Titanium	QR-111	G53	60w	125,04	0.30
002QC 01 75	White	QR-111	G53	75w	117,58	0.30
002QC 02 75	Black	QR-111	G53	75w	120,71	0.30
002QC 52 75	Chrome matt	QR-111	G53	75w	120,71	0.30
002QC 90 75	Titanium	QR-111	G53	75w	120,71	0.30
002QC 01 10	White	QR-111	G53	100w	117,58	0.30
002QC 02 10	Black	QR-111	G53	100w	120,71	0.30
002QC 52 10	Chrome matt	QR-111	G53	100w	120,71	0.30
002QC 90 10	Titanium	QR-111	G53	100w	120,71	0.30

* Supplied in a standard manner with maximum lamp bevel



OPTIONS	Ref. 04	Ref. 08	Ref. 24	Ref. 45
Bevel	4°	8°	24°	45°
QR-111 35w	•		•	
QR-111 50w	•	•	•	•
QR-111 60w		•	•	•
QR-111 75w		•	•	•
QR-111 100w		•	•	•

Example to write a reference with options

Proctom QR 75w

Ref. **002QC 01 75 08**

White 8°bevel

Proctom for track

Proctom track LED-111

Includes adapter, electronic transformer and lamp LED-111

Ref.	Colour	Lamp	L/H	W	€	RAEE	
						lum.	lamp
002B 01	White	LED-111	G53	12w	197,65	0.30	0.20
002B 02	Black	LED-111	G53	12w	199,71	0.30	0.20
002B 52	Chrome matt	LED-111	G53	12w	199,71	0.30	0.20
002B 90	Titanium	LED-111	G53	12w	199,71	0.30	0.20

* Supplied in a standard manner with 3100° K lamp



Proctom track CDM-R 111

Includes adapter, electronic transformer and CDM-R 111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE	
						lum.	lamp
002RC 01 35	White	CDM-R 111 GX8.5	35w	315,80	0.30	0.30	
002RC 02 35	Black	CDM-R 111 GX8.5	35w	317,94	0.30	0.30	
002RC 52 35	Chrome matt	CDM-R 111 GX8.5	35w	317,94	0.30	0.30	
002RC 90 35	Titanium	CDM-R 111 GX8.5	35w	317,94	0.30	0.30	
002RC 01 70	White	CDM-R 111 GX8.5	70w	315,90	0.30	0.30	
002RC 02 70	Black	CDM-R 111 GX8.5	70w	317,96	0.30	0.30	
002RC 52 70	Chrome matt	CDM-R 111 GX8.5	70w	317,96	0.30	0.30	
002RC 90 70	Titanium	CDM-R 111 GX8.5	70w	317,96	0.30	0.30	

* Supplied in a standard manner with maximum lamp bevel

* Supplied in a standard manner with 3000° K lamp

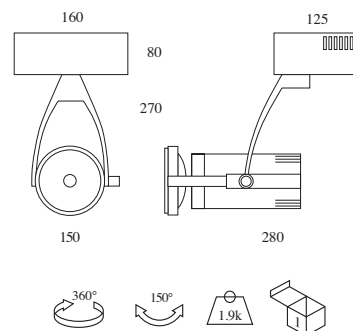


OPTIONS	Ref. 10	Ref. 24	Ref. 40
Bevel	10°	24°	40°
CDM-R 111 35w	•	•	•
CDM-R 111 70w	•	•	•

Proctom track CDM-TC

Includes adapter, glass, electronic transf. and lamp CDM-TC

Ref.	Colour	Lamp	L/H	W	€	RAEE	
						lum.	lamp
002TC 01 35	White	CDM-TC	G8.5	35w	288,97	0.30	0.30
002TC 02 35	Black	CDM-TC	G8.5	35w	291,03	0.30	0.30
002TC 52 35	Chrome matt	CDM-TC	G8.5	35w	291,03	0.30	0.30
002TC 90 35	Titanium	CDM-TC	G8.5	35w	291,03	0.30	0.30
002TC 01 70	White	CDM-TC	G8.5	70w	288,99	0.30	0.30
002TC 02 70	Black	CDM-TC	G8.5	70w	291,05	0.30	0.30
002TC 52 70	Chrome matt	CDM-TC	G8.5	70w	291,05	0.30	0.30
002TC 90 70	Titanium	CDM-TC	G8.5	70w	291,05	0.30	0.30



Proctom track PAR 30

Includes adapter and lamp PAR 30

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
002HC 01 75	White	PAR 30	E-27	75w	136,10	0.30
002HC 02 75	Black	PAR 30	E-27	75w	139,09	0.30
002HC 52 75	Chrome matt	PAR 30	E-27	75w	139,09	0.30
002HC 90 75	Titanium	PAR 30	E-27	75w	139,09	0.30
002HC 01 10	White	PAR 30	E-27	100w	136,12	0.30
002HC 02 10	Black	PAR 30	E-27	100w	139,11	0.30
002HC 52 10	Chrome matt	PAR 30	E-27	100w	139,11	0.30
002HC 90 10	Titanium	PAR 30	E-27	100w	139,11	0.30

Proctom track PAR LED

Includes adapter and lamp PAR 30 LED

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
002B 01 09	White	LED	E-27	9w	217,37	0.30 0.20
002B 02 09	Black	LED	E-27	9w	220,35	0.30 0.20
002B 52 09	Chrome matt	LED	E-27	9w	220,35	0.30 0.20
002B 90 09	Titanium	LED	E-27	9w	220,35	0.30 0.20

* Supplied in a standard manner with 3100° K lamp

Proctom Minisodio

Includes adapter, glass, electronic transformer and white minisodium lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
002SC 01 50	White	SDW-TG GX12-1	50w	409,28	0.30 0.30	
002SC 02 50	Black	SDW-TG GX12-1	50w	411,34	0.30 0.30	
002SC 52 50	Chrome matt	SDW-TG GX12-1	50w	411,34	0.30 0.30	
002SC 90 50	Titanium	SDW-TG GX12-1	50w	411,34	0.30 0.30	
002SC 01 10	White	SDW-TG GX12-1	100w	409,30	0.30 0.30	
002SC 02 10	Black	SDW-TG GX12-1	100w	411,36	0.30 0.30	
002SC 52 10	Chrome matt	SDW-TG GX12-1	100w	411,36	0.30 0.30	
002SC 90 10	Titanium	SDW-TG GX12-1	100w	411,36	0.30 0.30	

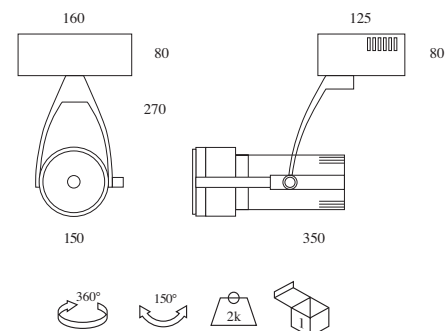
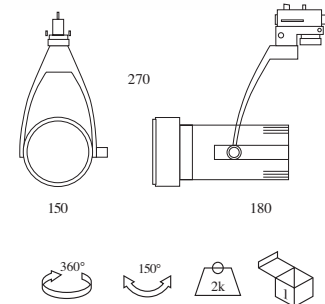
Proctom HQI

Includes adapter, glass, electronic transformer and HQI lamp G12

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
002GC 01 35	White	HQI G-12	35w	289,71	0.30 0.30	
002GC 02 35	Black	HQI G-12	35w	291,77	0.30 0.30	
002GC 52 35	Chrome matt	HQI G-12	35w	291,77	0.30 0.30	
002GC 90 35	Titanium	HQI G-12	35w	291,77	0.30 0.30	
002GC 01 70	White	HQI G-12	70w	289,71	0.30 0.30	
002GC 02 70	Black	HQI G-12	70w	291,77	0.30 0.30	
002GC 52 70	Chrome matt	HQI G-12	70w	291,77	0.30 0.30	
002GC 90 70	Titanium	HQI G-12	70w	291,77	0.30 0.30	
002GC 01 15	White	HQI G-12	150w	360,29	0.30 0.30	
002GC 02 15	Black	HQI G-12	150w	362,35	0.30 0.30	
002GC 52 15	Chrome matt	HQI G-12	150w	362,35	0.30 0.30	
002GC 90 15	Titanium	HQI G-12	150w	362,35	0.30 0.30	

* Supplied in a standard manner with 4200° K lamp

OPTIONS	Ref. 83	Ref. 84
Colour temperature	3000K°	4200°K
HQI 35w	•	•
HQI 70w	•	•
HQI 150w	•	•



Example to write a reference with options

Proctom HQI track 150w

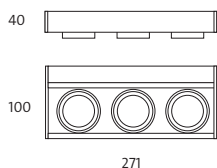
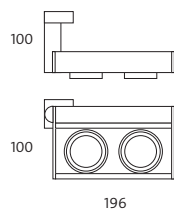
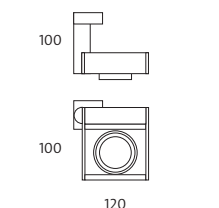
Ref. **002GC 90 15 84**

Titanium 4200°K

Combox DC track

Protection degree IP20

- Material:** Injected aluminium and steel thermo painted.
- Optics:** Optics incorporated in the lamps.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** The series of COMBOX lightings use dichroic halogen lamps and LED lamps, suitable for domestic and commercial use.
- Installation:** Directly on electrified track 220v.
- Colours:** Black, chrome matt and titanium



Combox DC Track 1 lamp

Includes adapter, electronic transformer and halog. dichroic lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
021 02 01 50	Black	12v50w	GU5.3	1x50w	142,14	0.30
021 52 01 50	Chrome matt	12v50w	GU5.3	1x50w	142,14	0.30
021 90 01 50	Titanium	12v50w	GU5.3	1x50w	142,14	0.30

* Supplied in a standard manner with 36° opening lamp

Includes adapter and DIRECT 220v GU-10 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
021U 02 01	Black	220v50w	GU-10	1x50w	139,05	0.30
021U 52 01	Chrome matt	220v50w	GU-10	1x50w	139,05	0.30
021U 90 01	Titanium	220v50w	GU-10	1x50w	139,05	0.30

* Supplied in a standard manner with 40° opening lamp

Includes adapter and 2W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
021L 02 01 02	Black	LED	GU-10	1x2w	147,59	0.30	0.20
021L 52 01 02	Chrome matt	LED	GU-10	1x2w	147,59	0.30	0.20
021L 90 01 02	Titanium	LED	GU-10	1x2w	147,59	0.30	0.20

* Supplied in a standard manner with 3000° K lamp

Includes adapter and 4W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
021L 02 01 04	Black	LED	GU-10	1x4w	181,48	0.30	0.20
021L 52 01 04	Chrome matt	LED	GU-10	1x4w	181,48	0.30	0.20
021L 90 01 04	Titanium	LED	GU-10	1x4w	181,48	0.30	0.20

* Supplied in a standard manner with 3000° K lamp

Includes adapter, driver and 5W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
021L 02 01 05	Black	LED	GU5.3	1x5w	186,76	0.30	0.20
021L 52 01 05	Chrome matt	LED	GU5.3	1x5w	186,76	0.30	0.20
021L 90 01 05	Titanium	LED	GU5.3	1x5w	186,76	0.30	0.20

* Supplied in a standard manner with 3100° K lamp

Includes adapter, driver and MR16 LED RGB lamp

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum.	lamp
021L 02 01 03	Black	LED	GU5.3	1x3w	193,53	0.30	0.20
021L 52 01 03	Chrome matt	LED	GU5.3	1x3w	193,53	0.30	0.20
021L 90 01 03	Titanium	LED	GU5.3	1x3w	193,53	0.30	0.20

Rough price increase of accessories					€
Ref. 3080	Controller MR16 LED RGB lamp				6,60

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.



Combox DC for track



Combox DC Track 2 lamps

Combox DC Track 3 lamps

Includes adapter, electronic transformer and halog. dichroic lamp

Includes adapter, electronic transformer and halog. dichroic lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lum. lamp
021 02 02 50	Black	12v50w	GU5.3	2x50w	192,98	0.65	
021 52 02 50	Chrome matt	12v50w	GU5.3	2x50w	192,98	0.65	
021 90 02 50	Titanium	12v50w	GU5.3	2x50w	192,98	0.65	

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lum. lamp
021 02 03 50	Black	12v50w	GU5.3	3x50w	243,47	0.65	
021 52 03 50	Chrome matt	12v50w	GU5.3	3x50w	243,47	0.65	
021 90 03 50	Titanium	12v50w	GU5.3	3x50w	243,47	0.65	

* Supplied in a standard manner with 36° opening lamp

* Supplied in a standard manner with 36° opening lamp

Includes adapter and DIRECT 220v GU-10 lamp

Includes adapter DIRECT 220v GU-10 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lum. lamp
021U 02 02	Black	220v50w	GU-10	2x50w	186,80	0.65	
021U 52 02	Chrome matt	220v50w	GU-10	2x50w	186,80	0.65	
021U 90 02	Titanium	220v50w	GU-10	2x50w	186,80	0.65	

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lum. lamp
021U 02 03	Black	220v50w	GU-10	3x50w	234,20	0.65	
021U 52 03	Chrome matt	220v50w	GU-10	3x50w	234,20	0.65	
021U 90 03	Titanium	220v50w	GU-10	3x50w	234,20	0.65	

* Supplied in a standard manner with 40° opening lamp

* Supplied in a standard manner with 40° opening lamp

Includes adapter and 2W LED lamp

Includes adapter and 2W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lum. lamp
021L 02 02 02	Black	LED	GU-10	2x2w	203,89	0.30	0.40
021L 52 02 02	Chrome matt	LED	GU-10	2x2w	203,89	0.30	0.40
021L 90 02 02	Titanium	LED	GU-10	2x2w	203,89	0.30	0.40

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lum. lamp
021L 02 03 02	Black	LED	GU-10	3x2w	259,84	0.30	0.60
021L 52 03 02	Chrome matt	LED	GU-10	3x2w	259,84	0.30	0.60
021L 90 03 02	Titanium	LED	GU-10	3x2w	259,84	0.30	0.60

* Supplied in a standard manner with 3000° K lamp

* Supplied in a standard manner with 3000° K lamp

Includes adapter and 4W LED lamp

Includes adapter and 4W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lum. lamp
021L 02 02 04	Black	LED	GU-10	2x4w	276,92	0.30	0.40
021L 52 02 04	Chrome matt	LED	GU-10	2x4w	276,92	0.30	0.40
021L 90 02 04	Titanium	LED	GU-10	2x4w	276,92	0.30	0.40

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lum. lamp
021L 02 03 04	Black	LED	GU-10	3x4w	372,01	0.30	0.60
021L 52 03 04	Chrome matt	LED	GU-10	3x4w	372,01	0.30	0.60
021L 90 03 04	Titanium	LED	GU-10	3x4w	372,01	0.30	0.60

* Supplied in a standard manner with 3000° K lamp

* Supplied in a standard manner with 3000° K lamp

Includes adapter, driver and 5W LED lamp

Includes adapter, driver and 5W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lum. lamp
021L 02 02 05	Black	LED	GU5.3	2x5w	282,17	0.30	0.40
021L 52 02 05	Chrome matt	LED	GU5.3	2x5w	282,17	0.30	0.40
021L 90 02 05	Titanium	LED	GU5.3	2x5w	282,17	0.30	0.40

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lum. lamp
021L 02 03 05	Black	LED	GU5.3	3x5w	377,26	0.30	0.60
021L 52 03 05	Chrome matt	LED	GU5.3	3x5w	377,26	0.30	0.60
021L 90 03 05	Titanium	LED	GU5.3	3x5w	377,26	0.30	0.60

* Supplied in a standard manner with 3100° K lamp

* Supplied in a standard manner with 3100° K lamp

Includes adapter, driver and MR16 LED RGB lamp

Includes adapter, driver and MR16 LED RGB lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lum. lamp
021L 02 02 03	Black	LED	GU5.3	2x3w	295,77	0.30	0.40
021L 52 02 03	Chrome matt	LED	GU5.3	2x3w	295,77	0.30	0.40
021L 90 02 03	Titanium	LED	GU5.3	2x3w	295,77	0.30	0.40

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lum. lamp
021L 02 03 03	Black	LED	GU5.3	3x3w	397,66	0.30	0.60
021L 52 03 03	Chrome matt	LED	GU5.3	3x3w	397,66	0.30	0.60
021L 90 03 03	Titanium	LED	GU5.3	3x3w	397,66	0.30	0.60

Ref.	Controller	RAEE lum.	lum. lamp	€
3080	Controller MR16 LED RGB lamp			6,60

Ref.	Controller	RAEE lum.	lum. lamp	€
3080	Controller MR16 LED RGB lamp			6,60

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.




Combox QR / LED track

Protection degree IP20

- Material:** Injected aluminium and steel thermo painted.
- Optics:** Optics incorporated in the lamps.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** The series of COMBOX lightings use halogen QR-111 lamps and LED-111 lamps, suitable for domestic or commercial use.
- Installation:** Directly on electrified track 220v.
- Colours:** White, black, chrome matt and titanium.

**Combox QR Track 1 lamp**


Includes adapter, electronic transformer and QR-111 lamp

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum.
 025 01 01 35	White	QR-111	G53	1x35w	171,10	0.30
025 01 02 35	Black	QR-111	G53	1x35w	176,23	0.30
025 01 52 35	Chrome matt	QR-111	G53	1x35w	176,23	0.30
025 01 90 35	Titanium	QR-111	G53	1x35w	176,23	0.30
025 01 01 50	White	QR-111	G53	1x50w	171,10	0.30
025 01 02 50	Black	QR-111	G53	1x50w	176,23	0.30
025 01 52 50	Chrome matt	QR-111	G53	1x50w	176,23	0.30
025 01 90 50	Titanium	QR-111	G53	1x50w	176,23	0.30
025 01 01 60	White	QR-111	G53	1x60w	182,68	0.30
025 01 02 60	Black	QR-111	G53	1x60w	184,74	0.30
025 01 52 60	Chrome matt	QR-111	G53	1x60w	184,74	0.30
025 01 90 60	Titanium	QR-111	G53	1x60w	184,74	0.30

* Supplied in a standard manner with maximum lamp bevel

Combox QR Track 2 lamps


Includes adapter, electronic transformer and QR-111 lamps

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum.
 025 02 01 35	White	QR-111	G53	2x35w	236,77	0.30
025 02 02 35	Black	QR-111	G53	2x35w	238,83	0.30
025 02 52 35	Chrome matt	QR-111	G53	2x35w	238,83	0.30
025 02 90 35	Titanium	QR-111	G53	2x35w	238,83	0.30
025 02 01 50	White	QR-111	G53	2x50w	236,77	0.30
025 02 02 50	Black	QR-111	G53	2x50w	238,83	0.30
025 02 52 50	Chrome matt	QR-111	G53	2x50w	238,83	0.30
025 02 90 50	Titanium	QR-111	G53	2x50w	238,83	0.30
025 02 01 60	White	QR-111	G53	2x60w	260,46	0.30
025 02 02 60	Black	QR-111	G53	2x60w	262,52	0.30
025 02 52 60	Chrome matt	QR-111	G53	2x60w	262,52	0.30
025 02 90 60	Titanium	QR-111	G53	2x60w	262,52	0.30

* Supplied in a standard manner with maximum lamp bevel

Combox LED111 Track 1 lamp


Includes adapter, driver and LED 111 lamp

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp
 025B 01 01 12	White	LED-111	-	1x12w	272,66	0.30 0.20
025B 01 02 12	Black	LED-111	-	1x12w	280,84	0.30 0.20
025B 01 52 12	Chrome matt	LED-111	-	1x12w	280,84	0.30 0.20
025B 01 90 12	Titanium	LED-111	-	1x12w	280,84	0.30 0.20

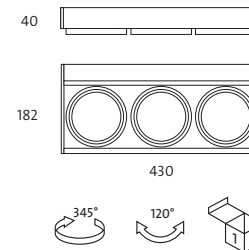
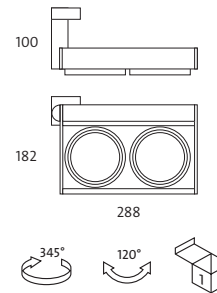
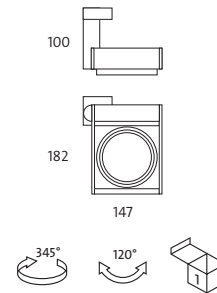
* Supplied in a standard manner with 3100° K lamp

Combox LED111 Track 2 lamps

Includes adapter, driver and LED 111 lamp

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp
 025B 02 01 12	White	LED-111	-	2x12w	486,24	0.30 0.40
025B 02 02 12	Black	LED-111	-	2x12w	488,30	0.30 0.40
025B 02 52 12	Chrome matt	LED-111	-	2x12w	488,30	0.30 0.40
025B 02 90 12	Titanium	LED-111	-	2x12w	488,30	0.30 0.40

* Supplied in a standard manner with 3100° K lamp



Combox QR Track 3 lamps

Includes adapter, electronic transformer and QR-111 lamps

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum.
025 03 01 35	White	QR-111	G53	3x35w	296,99	0.65
025 03 02 35	Black	QR-111	G53	3x35w	299,05	0.65
025 03 52 35	Chrome matt	QR-111	G53	3x35w	299,05	0.65
025 03 90 35	Titanium	QR-111	G53	3x35w	299,05	0.65
025 03 01 50	White	QR-111	G53	3x50w	296,99	0.65
025 03 02 50	Black	QR-111	G53	3x50w	299,05	0.65
025 03 52 50	Chrome matt	QR-111	G53	3x50w	299,05	0.65
025 03 90 50	Titanium	QR-111	G53	3x50w	299,05	0.65
025 03 01 60	White	QR-111	G53	3x60w	331,74	0.65
025 03 02 60	Black	QR-111	G53	3x60w	333,80	0.65
025 03 52 60	Chrome matt	QR-111	G53	3x60w	333,80	0.65
025 03 90 60	Titanium	QR-111	G53	3x60w	333,80	0.65

* Supplied in a standard manner with maximum lamp bevel

Combox LED111 Track 3 lamps

Includes adapter, driver and LED 111 lamp

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp
025B 03 01 12	White	LED-111	-	3x12w	601,66	0.65 0.60
025B 03 02 12	Black	LED-111	-	3x12w	603,72	0.65 0.60
025B 03 52 12	Chrome matt	LED-111	-	3x12w	603,72	0.65 0.60
025B 03 90 12	Titanium	LED-111	-	3x12w	603,72	0.65 0.60

* Supplied in a standard manner with 3100° K lamp

OPTIONS

	Ref. 04	Ref. 08	Ref. 24	Ref. 45
Bevel	4°	8°	24°	45°
QR-111 35w	•		•	
QR-111 50w	•	•	•	•
QR-111 60w		•	•	•

Example to write a reference with options

Combox QR track Titanium 24°bevel

Ref. 025 03 90 35 24

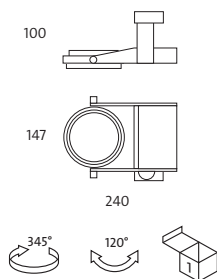
3 Lamp. 35w



Cartem QR / CDM-R 111 / LED track

Protection degree IP20

- Material:** Injected aluminium and steel thermo painted.
Optics: Optics incorporated in the lamps.
Supply: Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
Lamps: The series of CARTEM lightings use halogen QR-111 lamps and LED-111 lamps, suitable for domestic or commercial use and metal halide CDMR-111 lamps only recommended in public and/or commercial areas.
Installation: Directly on electrified track 220v.
Colours: White, black, chrome matt and titanium.



Cartem Track 1 lamp

Includes adapter, electronic transformer and QR-111 lamp

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum.
031 01 01 35	White	QR-111	G53	1x35w	190,77	0.30
031 01 02 35	Black	QR-111	G53	1x35w	192,83	0.30
031 01 52 35	Chrome matt	QR-111	G53	1x35w	192,83	0.30
031 01 90 35	Titanium	QR-111	G53	1x35w	192,83	0.30
031 01 01 50	White	QR-111	G53	1x50w	190,77	0.30
031 01 02 50	Black	QR-111	G53	1x50w	192,83	0.30
031 01 52 50	Chrome matt	QR-111	G53	1x50w	192,83	0.30
031 01 90 50	Titanium	QR-111	G53	1x50w	192,83	0.30
031 01 01 60	White	QR-111	G53	1x60w	202,25	0.30
031 01 02 60	Black	QR-111	G53	1x60w	204,31	0.30
031 01 52 60	Chrome matt	QR-111	G53	1x60w	204,31	0.30
031 01 90 60	Titanium	QR-111	G53	1x60w	204,31	0.30

* Supplied in a standard manner with maximum lamp bevel

OPTIONS	Ref. 04	Ref. 08	Ref. 24	Ref. 45
Bevel	4°	8°	24°	45°
QR-111 35w	•		•	
QR-111 50w	•	•	•	•
QR-111 60w		•	•	•

Includes adapter, driver and LED 111 lamp

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp
031B 01 01 12	White	LED-111	-	1x12w	286,52	0.30 0.20
031B 01 02 12	Black	LED-111	-	1x12w	288,58	0.30 0.20
031B 01 52 12	Chrome matt	LED-111	-	1x12w	288,58	0.30 0.20
031B 01 90 12	Titanium	LED-111	-	1x12w	288,58	0.30 0.20

* Supplied in a standard manner with 3100° K lamp

Includes adapter, electronic transformer and CDM-R 111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
778 01 35	White	CDM-R 111	GX8.3	1x35w	375,38	0.30 0.30
778 02 35	Black	CDM-R 111	GX8.3	1x35w	377,44	0.30 0.30
778 52 35	Chrome matt	CDM-R 111	GX8.3	1x35w	377,44	0.30 0.30
778 90 35	Titanium	CDM-R 111	GX8.3	1x35w	377,44	0.30 0.30

* Supplied in a standard manner with 40° opening lamp

OPTIONS	Ref. 10	Ref. 24	Ref. 40
Bevel	10°	24°	40°
CDM-R 111 35w	•	•	•
CDM-R 111 70w	•	•	•



Cartem Track 2 lamps

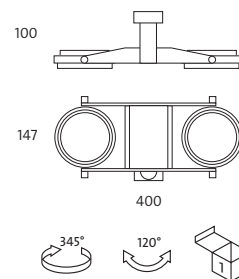
Includes adapter, electronic transformer and QR-111 lamps



Ref.	Colour	Lamp.	L/H	W	€	RAEE lum.
031 02 01 35	White	QR-111	G53	2x35w	264,42	0.30
031 02 02 35	Black	QR-111	G53	2x35w	266,48	0.30
031 02 52 35	Chrome matt	QR-111	G53	2x35w	266,48	0.30
031 02 90 35	Titanium	QR-111	G53	2x35w	266,48	0.30
031 02 01 50	White	QR-111	G53	2x50w	264,42	0.30
031 02 02 50	Black	QR-111	G53	2x50w	266,48	0.30
031 02 52 50	Chrome matt	QR-111	G53	2x50w	266,48	0.30
031 02 90 50	Titanium	QR-111	G53	2x50w	266,48	0.30
031 02 01 60	White	QR-111	G53	2x60w	272,12	0.30
031 02 02 60	Black	QR-111	G53	2x60w	274,18	0.30
031 02 52 60	Chrome matt	QR-111	G53	2x60w	274,18	0.30
031 02 90 60	Titanium	QR-111	G53	2x60w	274,18	0.30

* Supplied in a standard manner with maximum lamp bevel

OPTIONS	Ref. 04	Ref. 08	Ref. 24	Ref. 45
Bevel	4°	8°	24°	45°
QR-111 35w	•		•	
QR-111 50w	•	•	•	•
QR-111 60w		•	•	•



Includes adapter, driver and LED 111 lamp



Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp
031B 02 01 12	White	LED-111	-	2x12w	456,24	0.30 0.40
031B 02 02 12	Black	LED-111	-	2x12w	458,30	0.30 0.40
031B 02 52 12	Chrome matt	LED-111	-	2x12w	458,30	0.30 0.40
031B 02 90 12	Titanium	LED-111	-	2x12w	458,30	0.30 0.40

* Supplied in a standard manner with 3100° K lamp

Includes adapter, electronic transformer and CDM-R 111 lamp

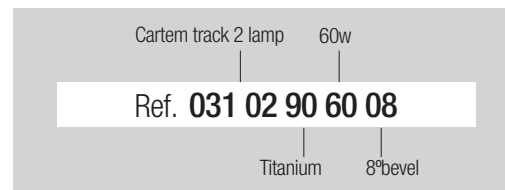


Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
780 01 35	White	CDM-R 111	GX8.3	2x35w	494,56	0.30 0.60
780 02 35	Black	CDM-R 111	GX8.3	2x35w	496,62	0.30 0.60
780 52 35	Chrome matt	CDM-R 111	GX8.3	2x35w	496,62	0.30 0.60
780 90 35	Titanium	CDM-R 111	GX8.3	2x35w	496,62	0.30 0.60

* Supplied in a standard manner with 40° opening lamp

OPTIONS	Ref. 10	Ref. 24	Ref. 40
Bevel	10°	24°	40°
CDM-R 111 35w	•	•	•
CDM-R 111 70w	•	•	•

Example to write a reference with options







Presscom DC Track

Protection degree IP20

- Material:** Injected aluminium and steel thermo painted.
- Optics:** Optics incorporated in the lamps.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** The series of PRESSCOM DC lightings use halogen lamps and LED lamps, suitable for domestic or commercial use.
- Installation:** Directly on electrified track 220v.
- Colours:** Black, chrome matt and titanium

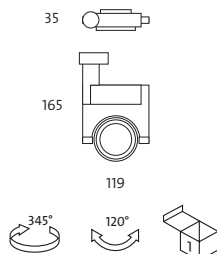


Presscom DC Track 1 lamp

Includes adapter, electronic transformer and halog. dichroic lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
033 02 01 50	Black	12v50w	GU5.3	1x50w	140,33	0.30	0.30
033 52 01 50	Chrome matt	12v50w	GU5.3	1x50w	140,33	0.30	0.30
033 90 01 50	Titanium	12v50w	GU5.3	1x50w	140,33	0.30	0.30

* Supplied in a standard manner with 36° opening lamp



Includes adapter and 2W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
033L 02 01 02	Black	LED	GU-10	1x2w	144,76	0.30	0.20
033L 52 01 02	Chrome matt	LED	GU-10	1x2w	144,76	0.30	0.20
033L 90 01 02	Titanium	LED	GU-10	1x2w	144,76	0.30	0.20

* Supplied in a standard manner with 3000° K lamp

Includes adapter and 4W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
033L 02 01 04	Black	LED	GU-10	1x4w	178,65	0.30	0.20
033L 52 01 04	Chrome matt	LED	GU-10	1x4w	178,65	0.30	0.20
033L 90 01 04	Titanium	LED	GU-10	1x4w	178,65	0.30	0.20

* Supplied in a standard manner with 3000° K lamp

Includes adapter, driver and 5W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
033L 02 01 05	Black	LED	GU5.3	1x5w	183,90	0.30	0.20
033L 52 01 05	Chrome matt	LED	GU5.3	1x5w	183,90	0.30	0.20
033L 90 01 05	Titanium	LED	GU5.3	1x5w	183,90	0.30	0.20

* Supplied in a standard manner with 3100° K lamp

Includes adapter, driver and MR16 LED RGB lamp

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum.	lamp
033L 02 01 03	Black	LED	GU5.3	1x3w	190,70	0.30	0.20
033L 52 01 03	Chrome matt	LED	GU5.3	1x3w	190,70	0.30	0.20
033L 90 01 03	Titanium	LED	GU5.3	1x3w	190,70	0.30	0.20

Rough price increase of accesories

Ref.	Controller MR16 LED RGB lamp	€
Ref. 3080	Controller MR16 LED RGB lamp	6,60

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.





Presscom DC 2 Track lamps

Includes adapter, electronic transformer and halog. dichroic lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp	
033 02 02 50	Black	12v50w	GU5.3	2x50w	198,76	0.30	0.30
033 52 02 50	Chrome matt	12v50w	GU5.3	2x50w	198,76	0.30	0.30
033 90 02 50	Titanium	12v50w	GU5.3	2x50w	198,76	0.30	0.30

* Supplied in a standard manner with 36° opening lamp

Includes adapter and 2W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp	
033L 02 02 02	Black	LED	GU-10	2x2w	209,68	0.30	0.40
033L 52 02 02	Chrome matt	LED	GU-10	2x2w	209,68	0.30	0.40
033L 90 02 02	Titanium	LED	GU-10	2x2w	209,68	0.30	0.40

* Supplied in a standard manner with 3000° K lamp

Includes adapter and 4W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp	
033L 02 02 04	Black	LED	GU-10	2x4w	282,71	0.30	0.40
033L 52 02 04	Chrome matt	LED	GU-10	2x4w	282,71	0.30	0.40
033L 90 02 04	Titanium	LED	GU-10	2x4w	282,71	0.30	0.40

* Supplied in a standard manner with 3000° K lamp

Includes adapter, driver and 5W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp	
033L 02 02 05	Black	LED	GU5.3	2x5w	287,96	0.30	0.40
033L 52 02 05	Chrome matt	LED	GU5.3	2x5w	287,96	0.30	0.40
033L 90 02 05	Titanium	LED	GU5.3	2x5w	287,96	0.30	0.40

* Supplied in a standard manner with 3100° K lamp

Includes adapter, driver and MR16 LED RGB lamp

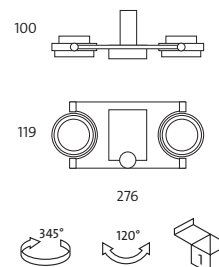


Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp	
033L 02 02 03	Black	LED	GU5.3	2x3w	301,56	0.30	0.40
033L 52 02 03	Chrome matt	LED	GU5.3	2x3w	301,56	0.30	0.40
033L 90 02 03	Titanium	LED	GU5.3	2x3w	301,56	0.30	0.40

Rough price increase of accesories

Ref.	Controller	MR16 LED RGB lamp	€
Ref. 3080	Controller	MR16 LED RGB lamp	6,60

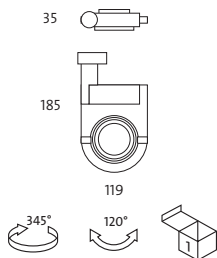
* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.



Lipsi DC Track

Protection degree IP20

- Material:** Injected aluminium and steel thermo painted.
- Optics:** Optics incorporated in the lamps.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** The series of LIPSI lightings use halogen lamps and LED lamps, suitable for domestic or commercial use.
- Installation:** Directly on electrified track 220v.
- Colours:** Titanium



Lipsi DC Track 1 lamp

Includes adapter, electronic transformer and halog. dichroic lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
039 02 01 50	Black	12v50w GU5.3	1x50w		137,01	0.30
039 52 01 50	Chrome matt	12v50w GU5.3	1x50w		137,01	0.30
039 90 01 50	Titanium	12v50w GU5.3	1x50w		137,01	0.30

* Supplied in a standard manner with 36° opening lamp

Includes adapter and 2W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
039L 02 01 02	Black	LED GU-10	1x2w		142,46	0.30 0.20
039L 52 01 02	Chrome matt	LED GU-10	1x2w		142,46	0.30 0.20
039L 90 01 02	Titanium	LED GU-10	1x2w		142,46	0.30 0.20

* Supplied in a standard manner with 3000° K lamp

Includes adapter and 4W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
039L 02 01 04	Black	LED GU-10	1x4w		176,35	0.30 0.20
039L 52 01 04	Chrome matt	LED GU-10	1x4w		176,35	0.30 0.20
039L 90 01 04	Titanium	LED GU-10	1x4w		176,35	0.30 0.20

* Supplied in a standard manner with 3000° K lamp

Includes adapter, driver and 5W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
039L 02 01 05	Black	LED GU5.3	1x5w		181,60	0.30 0.20
039L 52 01 05	Chrome matt	LED GU5.3	1x5w		181,60	0.30 0.20
039L 90 01 05	Titanium	LED GU5.3	1x5w		181,60	0.30 0.20

* Supplied in a standard manner with 3100° K lamp

Includes adapter, driver and MR16 LED RGB lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
039L 02 01 03	Black	LED GU5.3	1x3w		188,40	0.30 0.20
039L 52 01 03	Chrome matt	LED GU5.3	1x3w		188,40	0.30 0.20
039L 90 01 03	Titanium	LED GU5.3	1x3w		188,40	0.30 0.20

Rough price increase of accesories

Ref.	Controller MR16 LED RGB lamp	€
3080		6,60

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.



Lipsis DC Track 2 lamps

Includes adapter, electronic transformer and halog. dichroic lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp	
039 02 02 50	Black	12v50w	GU5.3	2x50w	202,14	0.30	0.30
039 52 02 50	Chrome matt	12v50w	GU5.3	2x50w	202,14	0.30	0.30
039 90 02 50	Titanium	12v50w	GU5.3	2x50w	202,14	0.30	0.30

* Supplied in a standard manner with 36° opening lamp

Includes adapter and 2W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp	
039L 02 02 02	Black	LED	GU-10	2x2w	213,06	0.30	0.40
039L 52 02 02	Chrome matt	LED	GU-10	2x2w	213,06	0.30	0.40
039L 90 02 02	Titanium	LED	GU-10	2x2w	213,06	0.30	0.40

* Supplied in a standard manner with 3000° K lamp

Includes adapter and 4W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp	
039L 02 02 04	Black	LED	GU-10	2x4w	286,09	0.30	0.40
039L 52 02 04	Chrome matt	LED	GU-10	2x4w	286,09	0.30	0.40
039L 90 02 04	Titanium	LED	GU-10	2x4w	286,09	0.30	0.40

* Supplied in a standard manner with 3000° K lamp

Includes adapter, driver and 5W LED lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp	
039L 02 02 05	Black	LED	GU5.3	2x5w	291,34	0.30	0.40
039L 52 02 05	Chrome matt	LED	GU5.3	2x5w	291,34	0.30	0.40
039L 90 02 05	Titanium	LED	GU5.3	2x5w	291,34	0.30	0.40

* Supplied in a standard manner with 3100° K lamp

Includes adapter, driver and MR16 LED RGB lamp

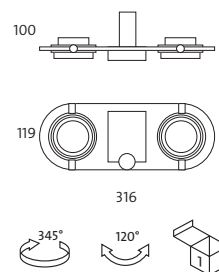


Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp	
039L 02 02 03	Black	LED	GU5.3	2x3w	253,54	0.30	0.40
039L 52 02 03	Chrome matt	LED	GU5.3	2x3w	253,54	0.30	0.40
039L 90 02 03	Titanium	LED	GU5.3	2x3w	253,54	0.30	0.40

Rough price increase of accessories

Ref.	Controller MR16 LED RGB lamp	€
Ref. 3080	Controller MR16 LED RGB lamp	6,60

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.



Polaris QR / CDM-R 111 / LED Track

Protection degree IP20

- Material:** Injected aluminium and steel thermo painted.
- Optics:** Optics incorporated in the lamps.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** Use halogen lamps QR-111, metal halide CDMR-111 lamps and LED-111 lamps, suitable for public and/or commercial areas.
- Installation:** Directly on electrified track 220v.
- Colours:** White, black and titanium.

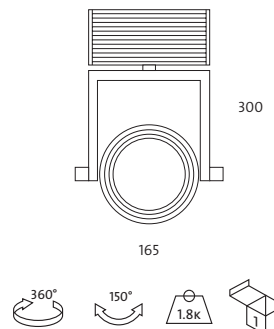


Polaris QR-111

Includes adapter, electronic transformer and QR-111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
714Q 01 35	White	QR-111	G53	1x35w	124,05	0.65
714Q 02 35	Black	QR-111	G53	1x35w	126,11	0.65
714Q 90 35	Titanium	QR-111	G53	1x35w	126,11	0.65
714Q 01 50	White	QR-111	G53	1x50w	124,05	0.65
714Q 02 50	Black	QR-111	G53	1x50w	126,11	0.65
714Q 90 50	Titanium	QR-111	G53	1x50w	126,11	0.65
714Q 01 60	White	QR-111	G53	1x60w	133,69	0.65
714Q 02 60	Black	QR-111	G53	1x60w	135,75	0.65
714Q 90 60	Titanium	QR-111	G53	1x60w	135,75	0.65
714Q 01 75	White	QR-111	G53	1x75w	130,64	0.65
714Q 02 75	Black	QR-111	G53	1x75w	132,70	0.65
714Q 90 75	Titanium	QR-111	G53	1x75w	132,70	0.65
714Q 01 10	White	QR-111	G53	1x100w	130,64	0.65
714Q 02 10	Black	QR-111	G53	1x100w	132,70	0.65
714Q 90 10	Titanium	QR-111	G53	1x100w	132,70	0.65

* Supplied in a standard manner with maximum lamp level



OPTIONS	Ref. 04	Ref. 08	Ref. 24	Ref. 45
Bevel	4°	8°	24°	45°
QR-111 35w	•		•	
QR-111 50w	•	•	•	•
QR-111 60w		•	•	•
QR-111 75w		•	•	•
QR-111 100w		•	•	•

Polaris LED-111

Includes adapter, driver and LED 111 lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
714B 01 12	White	LED-111	G53	1x12w	221,96	0.65 0.20
714B 02 12	Black	LED-111	G53	1x12w	224,02	0.65 0.20
714B 90 12	Titanium	LED-111	G53	1x12w	224,02	0.65 0.20

* Supplied in a standard manner with 3100° K lamp

Polaris CDM-R 111

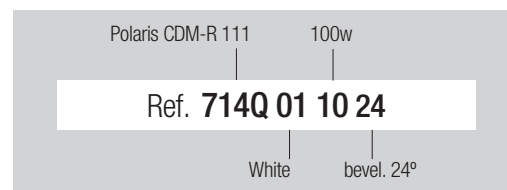
Includes adapter, electronic transformer and CDM-R 111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
714 01 35	White	CDM-R 111	GX8.5	1x35w	321,33	0.65 0.30
714 02 35	Black	CDM-R 111	GX8.5	1x35w	323,39	0.65 0.30
714 90 35	Titan.	CDM-R 111	GX8.5	1x35w	323,39	0.65 0.30
714 01 70	White	CDM-R 111	GX8.5	1x70w	321,33	0.65 0.30
714 02 70	Black	CDM-R 111	GX8.5	1x70w	323,39	0.65 0.30
714 90 70	Titan.	CDM-R 111	GX8.5	1x70w	323,39	0.65 0.30

* Supplied in a standard manner with 40° opening lamp

OPTIONS	Ref. 10	Ref. 24	Ref. 40
Bevel	10°	24°	40°
CDM-R 111 35w	•	•	•
CDM-R 111 70w	•	•	•

Example to write a reference with options



Sión Track

Protection degree IP20

- Material:** Injected aluminium thermo painted and polycarbonate.
- Optics:** High performance aluminium reflector, provides an homogeneous light.
- Supply:** Control gear adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** Dulux F-36w low consumption lamp
- Installation:** Directly on electrified track 220v.
- Colours:** White, black and titanium.



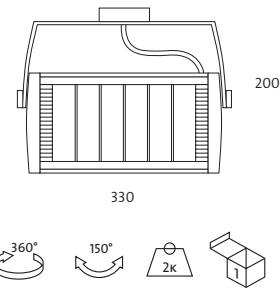
Includes adapter, control gear and DULUX-F36 lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE	
						lum.	lamp
012C 01	White	DULUX-F	2G10	1x36w	153,26	0.30	0.20
012C 02	Black	DULUX-F	2G10	1x36w	155,32	0.30	0.20
012C 90	Titanium	DULUX-F	2G10	1x36w	155,32	0.30	0.20

* Supplied in a standard manner with 4000° K lamp

OPTIONS	Ref. 82	Ref. 83	Ref. 84
Colour temperature	2700°K	3000°K	4000°K
Dulux 36w	•	•	•



Example to write a reference with options

Sión Black

Ref. 012C 02 82

2700°K



Lartub track


Protection degree IP20

- Material:** Aluminium thermo painted.
Optics: Optics incorporated in the lamps.
Supply: Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
Lamps: The series of LARTUB lightings use dichroic halogen lamps, QR-111 and LED-111 lamps, suitable for domestic or commercial use and metal halide CDMR-111 lamps only recommended in public and/or commercial areas.
Installation: Directly on electrified track 220v.
Colours: White, black, chrome matt and titanium.



Lartub Track halogen dichroic


Includes adapter, electronic transformer and halog. dichroic lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
 1077 01 50	White	12v50w	GU5.3	50w	87,44	0.30
1077 02 50	Black	12v50w	GU5.3	50w	90,07	0.30
1077 52 50	Chrome matt	12v50w	GU5.3	50w	90,07	0.30
1077 90 50	Titanium	12v50w	GU5.3	50w	90,07	0.30

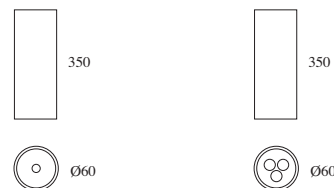
* Supplied in a standard manner with 36° opening lamp

Lartub Track reflective direct

Includes adapter, low consumption 11w GU-10 lamp


Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
 1077K 01	White	220v11w	GU-10	1x11w	87,96	0.30
1077K 02	Black	220v11w	GU-10	1x11w	90,60	0.30
1077K 52	Chrome matt	220v11w	GU-10	1x11w	90,60	0.30
1077K 90	Titanium	220v11w	GU-10	1x11w	90,60	0.30

* Supplied in a standard manner with 4000° K lamp



Lartub Track LED 4w

Includes adapter and 4W LED lamp


Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
 1076 01 04	White	LED	GU-10	4w	127,10	0.30 0.20
1076 02 04	Black	LED	GU-10	4w	131,80	0.30 0.20
1076 52 04	Chrome matt	LED	GU-10	4w	131,80	0.30 0.20
1076 90 04	Titanium	LED	GU-10	4w	131,80	0.30 0.20

* Supplied in a standard manner with 3100° K lamp



Lartub Track LED 7w


Includes adapter, electronic transformer and 7w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
 1076 01 07	White	LED	GU-10	7w	156,97	0.30 0.20
1076 02 07	Black	LED	GU-10	7w	161,68	0.30 0.20
1076 52 07	Chrome matt	LED	GU-10	7w	161,68	0.30 0.20
1076 90 07	Titanium	LED	GU-10	7w	161,68	0.30 0.20

* Supplied in a standard manner with 3100° K lamp

Lartub Track LED 7,2w


Includes adapter, driver and LED 7,2w lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
 1076 01 09	White	LED	-	7,2w	213,02	0.30 0.20
1076 02 09	Black	LED	-	7,2w	219,41	0.30 0.20
1076 52 09	Chrome matt	LED	-	7,2w	219,41	0.30 0.20
1076 90 09	Titanium	LED	-	7,2w	219,41	0.30 0.20

* Supplied in a standard manner with 6000° K

Lartub LED 3w RGB track

Includes adapter, driver and MR16 LED RGB lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
 1076 01 03	White	LED	GU5.3	3w	138,84	0.30 0.20
1076 02 03	Black	LED	GU5.3	3w	143,00	0.30 0.20
1076 52 03	Chrome matt	LED	GU5.3	3w	143,00	0.30 0.20
1076 90 03	Titanium	LED	GU5.3	3w	143,00	0.30 0.20

Rough price increase of accesories					€
Ref. 3080	Controller MR16 LED RGB lamp				6,60

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.





Lartub QR-111

Includes adapter, electronic transformer and QR-111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
1078 01 35	White	QR-111	G53	35w	162,53	0.30
1078 02 35	Black	QR-111	G53	35w	167,41	0.30
1078 52 35	Chrome matt	QR-111	G53	35w	167,41	0.30
1078 90 35	Titanium	QR-111	G53	35w	167,41	0.30
1078 01 50	White	QR-111	G53	50w	162,53	0.30
1078 02 50	Black	QR-111	G53	50w	167,41	0.30
1078 52 50	Chrome matt	QR-111	G53	50w	167,41	0.30
1078 90 50	Titanium	QR-111	G53	50w	167,41	0.30
1078 01 60	White	QR-111	G53	60w	169,12	0.30
1078 02 60	Black	QR-111	G53	60w	174,19	0.30
1078 52 60	Chrome matt	QR-111	G53	60w	174,19	0.30
1078 90 60	Titanium	QR-111	G53	60w	174,19	0.30
1078 01 75	White	QR-111	G53	75w	163,99	0.30
1078 02 75	Black	QR-111	G53	75w	168,91	0.30
1078 52 75	Chrome matt	QR-111	G53	75w	168,91	0.30
1078 90 75	Titanium	QR-111	G53	75w	168,91	0.30
1078 01 10	White	QR-111	G53	100w	163,99	0.30
1078 02 10	Black	QR-111	G53	100w	168,91	0.30
1078 52 10	Chrome matt	QR-111	G53	100w	168,91	0.30
1078 90 10	Titanium	QR-111	G53	100w	168,91	0.30

* Supplied in a standard manner with maximum lamp bevel

OPTIONS

	Ref. 04	Ref. 08	Ref. 24	Ref. 45
Bevel	4°	8°	24°	45°
QR-111 35w	•		•	
QR-111 50w	•	•	•	•
QR-111 60w		•	•	•
QR-111 75w		•	•	•
QR-111 100w		•	•	•

Lartub Track CDM-R 111

Includes adapter, electronic transformer and CDM-R 111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
1079 01 35	White	CDM-R 111 GX8.5	35w	293,23	0.30	0.30	
1079 02 35	Black	CDM-R 111 GX8.5	35w	302,02	0.30	0.30	
1079 52 35	Chrome matt	CDM-R 111 GX8.5	35w	302,02	0.30	0.30	
1079 90 35	Titanium	CDM-R 111 GX8.5	35w	302,02	0.30	0.30	
1079 01 70	White	CDM-R 111 GX8.5	70w	293,25	0.30	0.30	
1079 02 70	Black	CDM-R 111 GX8.5	70w	302,04	0.30	0.30	
1079 52 70	Chrome matt	CDM-R 111 GX8.5	70w	302,04	0.30	0.30	
1079 90 70	Titanium	CDM-R 111 GX8.5	70w	302,04	0.30	0.30	

* Supplied in a standard manner with 40° opening lamp

OPTIONS

	Ref. 10	Ref. 24	Ref. 40
Bevel	10°	24°	40°
CDM-R 111 35w	•	•	•
CDM-R 111 70w	•	•	•

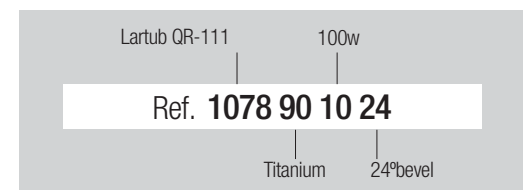
Lartub Track LED-111

Includes adapter, electronic transformer and lamp LED-111

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
1078L 01 35	White	LED-111 GU5.3	12w	264,09	0.30	0.20	
1078L 02 35	Black	LED-111 GU5.3	12w	272,01	0.30	0.20	
1078L 52 35	Chrome matt	LED-111 GU5.3	12w	272,01	0.30	0.20	
1078L 90 35	Titanium	LED-111 GU5.3	12w	272,01	0.30	0.20	

* Supplied in a standard manner with 3100° K lamp

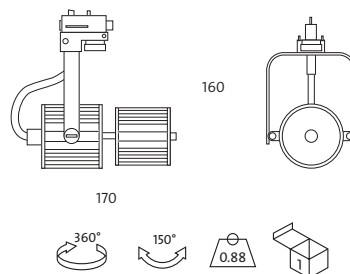
Example to write a reference with options




Twin track

Protection degree IP20

- Material:** Injected aluminium thermo painted.
- Optics:** Optics incorporated in the lamps
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** Use halogen lamps and LED lamps, suitable for domestic or commercial use.
- Installation:** Directly on electrified track 220v.
- Colours:** White, black and titanium.




Includes adapter, electronic transformer and lamp HALOGEN DI-CROIC


Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
 292 01 50	White	12v50w	GU5.3	50w	98,22	0.30
292 02 50	Black	12v50w	GU5.3	50w	104,58	0.30
292 90 50	Titanium	12v50w	GU5.3	50w	104,58	0.30

* Supplied in a standard manner with 36° opening lamp


Includes adapter and 2W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
 292L 01 02	White	LED	GU-10	2w	103,67	0.30	0.20
292L 02 02	Black	LED	GU-10	2w	110,35	0.30	0.20
292L 90 02	Titanium	LED	GU-10	2w	110,35	0.30	0.20

Includes adapter and 4W LED lamp


Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
 292L 01 04	White	LED	GU-10	4w	137,56	0.30	0.20
292L 02 04	Black	LED	GU-10	4w	144,24	0.30	0.20
292L 90 04	Titanium	LED	GU-10	4w	144,24	0.30	0.20

Includes adapter, driver and 5W LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
 292L 01 05	White	LED	GU5.3	5w	142,81	0.30	0.20
292L 02 05	Black	LED	GU5.3	5w	149,49	0.30	0.20
292L 90 05	Titanium	LED	GU5.3	5w	149,49	0.30	0.20


* Supplied in a standard manner with 3100° K lamp

Includes adapter and 7w LED lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
 292L 01 07	White	LED	GU-10	7w	160,97	0.30	0.20
292L 02 07	Black	LED	GU-10	7w	167,70	0.30	0.20
292L 90 07	Titanium	LED	GU-10	7w	167,70	0.30	0.20

* Supplied in a standard manner with 3100° K lamp

Includes adapter, driver and MR16 LED RGB lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
 292L 01 03	White	LED	GU5.3	3w	149,61	0.30	0.20
292L 02 03	Black	LED	GU5.3	3w	155,98	0.30	0.20
292L 90 03	Titanium	LED	GU5.3	3w	155,98	0.30	0.20

Rough price increase of accesories

Ref.	Controller MR16 LED RGB lamp	€
3080		6,60

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.



Twin track / Foco lineal track / Megan track

Megan track

Protection degree IP43

- Material:** Injected aluminium thermo painted
- Optics:** Matt aluminium reflector. Protection glass are included.
- Supply:** Control gear adapted for HQI to different types of lamps and to the power needed are included.
- Lamps:** Use HQI 70/150w lamps, suitable for commercial use, exhibition areas and facilities of collective use due to its high lighting output.
- Installation:** Directly on electrified track 220v.
- Accesorios:** Indicator wings (Ref. 121).
- Colours:** White, black and titanium

Includes adapter, glass, control gear and HQI lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
742 01 84	White	HQI	RX7s	70w	217,97	0.65	0.30
742 02 84	Black	HQI	RX7s	70w	223,89	0.65	0.30
742 90 84	Titanium	HQI	RX7s	70w	223,89	0.65	0.30
743 01 84	White	HQI	RX7s	150w	221,29	0.65	0.30
743 02 84	Black	HQI	RX7s	150w	224,67	0.65	0.30
743 90 84	Titanium	HQI	RX7s	150w	224,67	0.65	0.30

* Supplied in a standard manner with 4200° K lamp

OPTIONS	Ref. 83	Ref. 84
Colour temperature	3000K°	4200°K
HQI 70w	•	•
HQI 150w	•	•
<i>Rough price increase of accesories</i>		
		€
Ref. 121 01	Indicator wings	41,70
Ref. 121 02	Indicator wings	41,70

Foco surface lineal track

Protection degree IP43

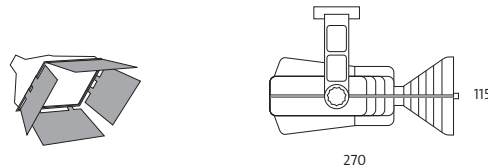
- Material:** Steel sheet thermo painted and electrolytic coat.
- Optics:** Aluminium reflector.
- Supply:** Directly connected to the 220v main.
- Lamps:** Lineal halogen lamp of 118mm up to 200w maximum.
- Installation:** Directly connected to electrified track 220v.
- Colours:** White, black, gold and chrome.

Includes adapter and glass

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
506 01	White	-	R7s	-	78,23	0.30
506 02	Black	-	R7s	-	87,52	0.30
506 03	Gold	-	R7s	-	87,52	0.30
506 05	Chrome	-	R7s	-	87,52	0.30

Includes adapter, glass and halogen lineal lamp.

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
506 01 20	White	halog. lineal	R7s	Max.200w	81,22	0.30
506 02 20	Black	halog. lineal	R7s	Max.200w	90,51	0.30
506 03 20	Gold	halog. lineal	R7s	Max.200w	90,51	0.30
506 05 20	Chrome	halog. lineal	R7s	Max.200w	90,51	0.30



Ref. 121
Indicator wings.

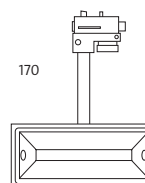


Example to write a reference with options

Megan 70w 3000°K

Ref. 742 01 83

White



Bicolor for track

Protection degree IP20

- Material:** Glass and steel chromed sheet , with thermo painted or electrolytic coat.
- Optics:** Optics incorporated in the lamps.
- Supply:** Directly connected to the 220v main.
- Lamps:** It uses direct halogen lamp 220v, suitable for domestic or commercial use.
- Installation:** Directly connected to electrified track 220v.
- Colours:** Matt, pink, cobalt blue, green.

Includes adapter and lamp HALOGEN DIRECT 220v.



Ref.	Colour cristal	Lamp	L/H	W	€	RAEE lum.
350 06 50	Matt	Halog. direct	GU5.3	50w	51,58	0.30
350 07 50	Pink	Halog. direct	GU5.3	50w	51,58	0.30
350 08 50	Cobalt blue	Halog. direct	GU5.3	50w	50,08	0.30
350 09 50	Green	Halog. direct	GU5.3	50w	50,08	0.30

* Supplied in a standard manner with 36° opening lamp



Foco R-63 track

Protection degree IP20

- Material:** Steel sheet thermo painted or electrolytic coat.
Optics incorporated in the lamps.
- Supply:** Directly connected to the 220v main.
- Lamps:** It uses E-27 and R-63 lamps.
- Installation:** Directly connected to electrified track 220v.
- Colours:** White, black, gold, graphite and chrome.

Includes adapter

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
351 01	White	-	E-27	-	39,51	0.30
351 02	Black	-	E-27	-	41,14	0.30
351 03	Gold	-	E-27	-	41,14	0.30
351 04	Graphite	-	E-27	-	41,14	0.30
351 05	Chrome	-	E-27	-	41,14	0.30

Includes adapter and lamp R-63



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
351 01 60	White	R-63	E-27	60w	42,60	0.30
351 02 60	Black	R-63	E-27	60w	44,23	0.30
351 03 60	Gold	R-63	E-27	60w	44,23	0.30
351 04 60	Graphite	R-63	E-27	60w	44,23	0.30
351 05 60	Chrome	R-63	E-27	60w	44,23	0.30



Includes adapter and lamp LED R-63



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
351 01 06	White	LED	E-27	6w	96,67	0.30	0.20
351 02 06	Black	LED	E-27	6w	98,31	0.30	0.20
351 03 06	Gold	LED	E-27	6w	98,31	0.30	0.20
351 04 06	Graphite	LED	E-27	6w	98,31	0.30	0.20
351 05 06	Chrome	LED	E-27	6w	98,31	0.30	0.20

Bicolor for track / Foco R-63 track / Acces. track

Accesories for track



Aluminium track

Aluminium 3-circuit track, nokia system.

Ref.	Colour	Lenght	€
110 01	White	1 meter	43,19
110 02	Black	1 meter	43,19
110 52	Chrome Matt	1 meter	49,66
111 01	White	2 meter	86,39
111 02	Black	2 meter	86,39
111 52	Chrome Matt	2 meter	99,35



Electrical adapter

Ref.	Colour	€
112 01	White	13,97
112 02	Black	15,36
112 52	Chrome Matt	15,36



Right and left power supply

Ref.	Colour	End	€
113 01	White	Right	15,26
113 02	Black	Right	16,78
113 52	Chrome Matt	Right	16,78
114 01	White	Left	15,26
114 02	Black	Left	16,78
114 52	Chrome Matt	Left	16,78



Mechanical adapter

Ref.	Colour	€
115 01	White	7,82
115 02	Black	8,61
115 52	Chrome Matt	8,61



Intermediate assembly

Ref.	Colour	€
116 01	White	12,71
116 02	Black	13,97
116 52	Chrome Matt	13,97



Flexible elbow

Ref.	Colour	€
117 01	White	40,06
117 02	Black	40,06



Final cover

Ref.	Colour	€
119 01	White	1,26
119 02	Black	1,39
119 52	Chrome Matt	1,39



Suspension 1200mm

Ref.	Colour	€
120 01	White	9,57
120 02	Black	9,57





Polivan

Polivan base estructura	280
Polivan Eurocom	281
Polivan Lecom CDM-R 111	282
Polivan Lecom HQI	283
Polivan Zafin	284
Polivan Ducto	285
Polivan Efici	286
Polivan Ducto HQI	287
Polivan Rectangular adjustable HQI	287



Tubyllum 288



Ovaluz 292



Lineluz 294

Other space systems



Base structure

Polivan frame base 1 meter (2 unit)

Ref.	Colour	Lenght	€
1017 01	White	1 meter	140,69
1017 02	Black	1 meter	142,96
1017 90	Titanium	1 meter	142,96

Polivan frame base 2 meter (2 unit)

Ref.	Colour	Lenght	€
1018 01	White	2 meter	280,98
1018 02	Black	2 meter	285,31
1018 90	Titanium	2 meter	285,31

End cover base (unit)

Ref.	Colour	€
1020 01	White	13,18
1020 02	Black	13,49
1020 90	Titanium	13,49

Suspension cable

Ref.	Colour	Lenght	€
1023 01	White	1 meter	7,04
1023 02	Black	1 meter	7,04

(*) Each part of the structure needs one independent suspension

Suspension cable with electrical input (unit)

Ref.	Colour	Lenght	€
1024 01	White	2 meter	21,54
1024 02	Black	2 meter	21,54

Polivan

Protection degree IP20

Material: Extruded aluminium structure, modules made in steel sheet thermo painted.

Optics: Optics incorporated in most of de lamps. For PL-C, PL-T and HQI lamps, bright aluminium diffusers are incorporated.

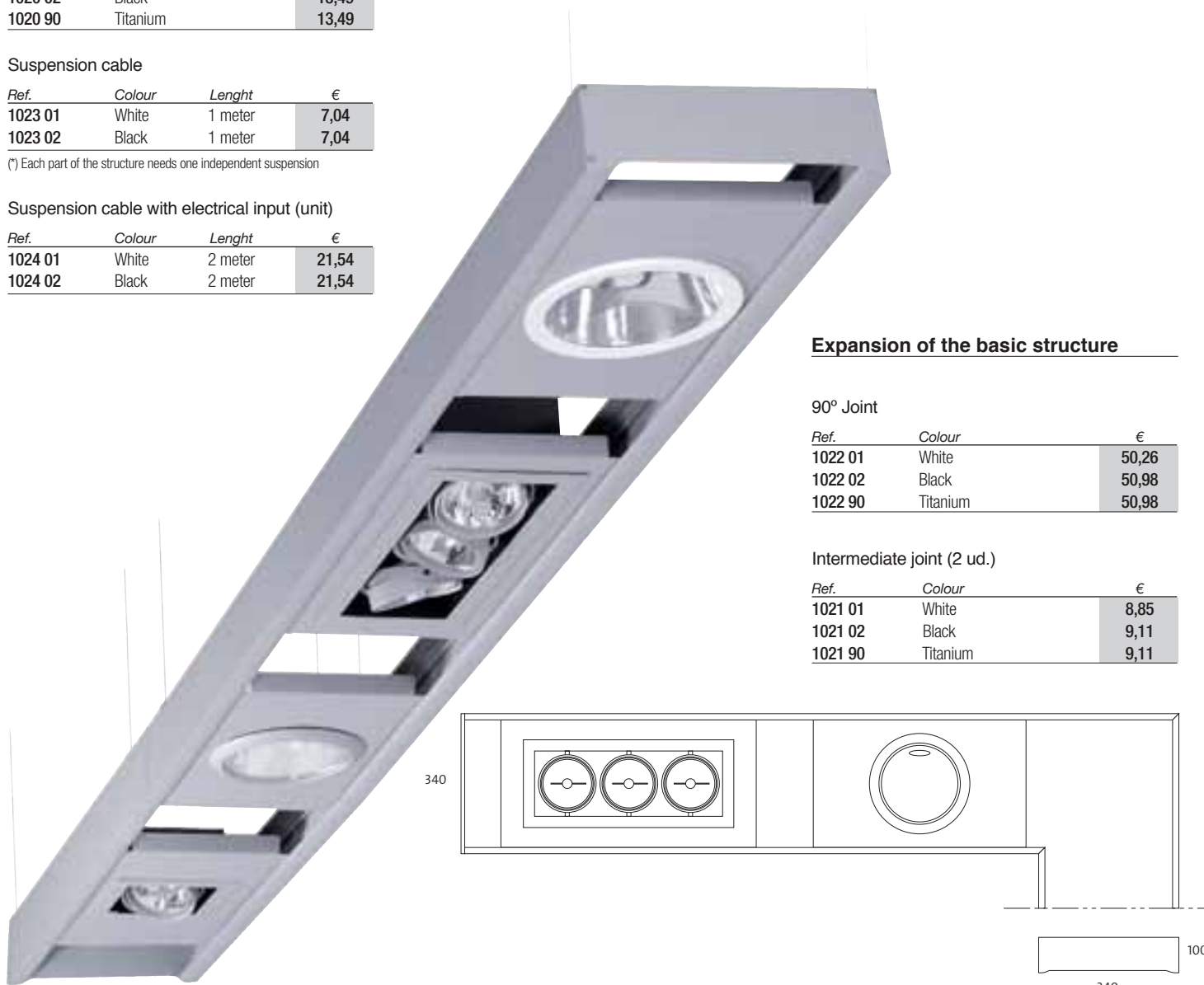
Supply: Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.

Lamps: Due to the versatility of the model Polivan, different light sources can be used, especially suitable for work areas and / or public areas.

- LED lamps.
- QR-111 lamps.
- Low consumption PL-C / PL-T.
- CDM-R 111 / CDM-TC lamps.
- HQI lamps.

Installation: Directly on ceiling with a suspension kit, standard version 1 meter length (screw not included).

Colours: White, black and titanium.



Expansion of the basic structure

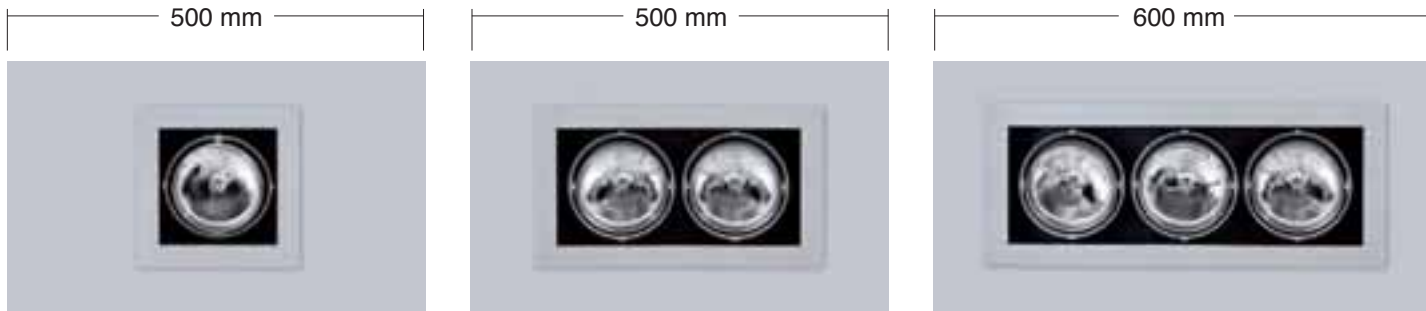
90° Joint

Ref.	Colour	€
1022 01	White	50,26
1022 02	Black	50,98
1022 90	Titanium	50,98

Intermediate joint (2 ud.)

Ref.	Colour	€
1021 01	White	8,85
1021 02	Black	9,11
1021 90	Titanium	9,11

Modules Polivan




Polivan Eurocom

- Material:** Steel sheet and injected aluminium thermo painted.
- Optics:** Optics incorporated in the lamps. Each lamp is independently adjustable with Cardam system.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models
- Lamps:** The series of Polivan Eurocom lightings use halogen QR-111 lamps and LED-111 lamps, suitable for domestic or commercial use.
- Installation:** Rapid installation on the Polivan structure. Interchangeable modules according to needs.
- Colours:** Outer trim in die-cast finished in titanium with black or titanium internal rings and white totally.


Polivan Eurocom 2 lamps

Includes electronic transformer and QR-111 lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
 1034 02 35	Bl. int. rings	QR-111	G53	2x35w	182,10	0.65
1034 90 35	Tit. int. rings	QR-111	G53	2x35w	182,10	0.65
1034 02 50	Bl. int. rings	QR-111	G53	2x50w	182,10	0.65
1034 90 50	Tit. int. rings	QR-111	G53	2x50w	182,10	0.65
1034 02 60	Bl. int. rings	QR-111	G53	2x60w	192,40	0.65
1034 90 60	Tit. int. rings	QR-111	G53	2x60w	192,40	0.65
1034 02 75	Bl. int. rings	QR-111	G53	2x75w	182,10	0.65
1034 90 75	Tit. int. rings	QR-111	G53	2x75w	182,10	0.65
1034 02 10	Bl. int. rings	QR-111	G53	2x100w	182,10	0.65
1034 90 10	Tit. int. rings	QR-111	G53	2x100w	182,10	0.65

* Supplied in a standard manner with maximum lamp bevel


Includes electronic transformer and lamps LED-111

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
 1034L 02 12	Bl. int. rings	LED-111	G53	2x12w	374,09	0.30 0.40
1034L 90 12	Tit. int. rings	LED-111	G53	2x12w	374,09	0.30 0.40

* Supplied in a standard manner with 3100° K lamp


Polivan Eurocom 1 lamp

Includes electronic transformer and QR-111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
 1033 02 35	Bl. int. rings	QR-111	G53	35w	107,94	0.30
1033 90 35	Tit. int. rings	QR-111	G53	35w	107,94	0.30
1033 02 50	Bl. int. rings	QR-111	G53	50w	107,94	0.30
1033 90 50	Tit. int. rings	QR-111	G53	50w	107,94	0.30
1033 02 60	Bl. int. rings	QR-111	G53	60w	116,49	0.30
1033 90 60	Tit. int. rings	QR-111	G53	60w	116,49	0.30
1033 02 75	Bl. int. rings	QR-111	G53	75w	107,94	0.30
1033 90 75	Tit. int. rings	QR-111	G53	75w	107,94	0.30
1033 02 10	Bl. int. rings	QR-111	G53	100w	107,94	0.30
1033 90 10	Tit. int. rings	QR-111	G53	100w	107,94	0.30

* Supplied in a standard manner with maximum lamp bevel


Includes electronic transformer and lamp LED-111

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
 1033L 02 12	Bl. int. rings	LED-111	G53	12w	203,94	0.30 0.20
1033L 90 12	Tit. int. rings	LED-111	G53	12w	203,94	0.30 0.20

* Supplied in a standard manner with 3100° K lamp


Polivan Eurocom 3 lamps

Includes electronic transformer and QR-111 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
 1035 02 35	Bl. int. rings	QR-111	G53	3x35w	260,38	0.65
1035 90 35	Tit. int. rings	QR-111	G53	3x35w	260,38	0.65
1035 02 50	Bl. int. rings	QR-111	G53	3x50w	260,38	0.65
1035 90 50	Tit. int. rings	QR-111	G53	3x50w	260,38	0.65
1035 02 60	Bl. int. rings	QR-111	G53	3x60w	267,80	0.65
1035 90 60	Tit. int. rings	QR-111	G53	3x60w	267,80	0.65
1035 02 75	Bl. int. rings	QR-111	G53	3x75w	260,38	0.65
1035 90 75	Tit. int. rings	QR-111	G53	3x75w	260,38	0.65
1035 02 10	Bl. int. rings	QR-111	G53	3x100w	260,38	0.65
1035 90 10	Tit. int. rings	QR-111	G53	3x100w	260,38	0.65

* Supplied in a standard manner with maximum lamp bevel

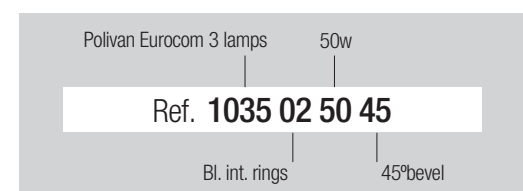
Includes electronic transformer and lamps LED-111

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
 1035L 02 12	Bl. int. rings	LED-111	G53	3x12w	548,37	0.30 0.60
1035L 90 12	Tit. int. rings	LED-111	G53	3x12w	548,37	0.30 0.60

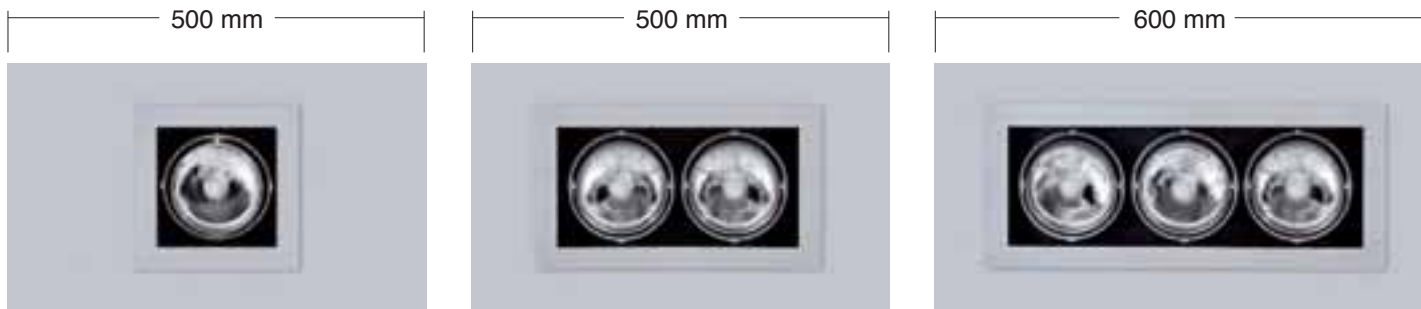
* Supplied in a standard manner with 3100° K lamp

OPTIONS	Ref. 04	Ref. 08	Ref. 24	Ref. 45
Bevel	4°	8°	24°	45°
QR-111 35w	•	•	•	
QR-111 50w	•	•	•	
QR-111 60w		•	•	
QR-111 75w		•	•	•
QR-111 100w		•	•	•

Example to write a reference with options



Modules Polivan




Polivan Lecom CDM-R 111

- Material:** Steel sheet and injected aluminium thermo painted.
- Optics:** Optics incorporated in the lamps, each lamp is independently adjustable with Cardam system.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** The series of Polivan Lecom CDMR 111 lightings use CDM-R 111 lamps only suitable in group facilities or commercial areas.
- Installation:** Rapid installation on the Polivan structure. Interchangeable modules according to needs.
- Colours:** Outer trim in die-cast finished in titanium with black or titanium internal rings and white totally.

Polivan Lecom CDM-R 111 2 lamps


Includes electronic transformer and CDM-R 111 lamps

Ref.	Colour	Lamp.	L/H	W	€	RAEE	
						lum.	lamp
 1040 02 35	Bl. int. rings	CDM-R 111 GX8.5	2x35w	2x35w	709,25	0.65	0.60
1040 90 35	Tit. int. rings	CDM-R 111 GX8.5	2x35w	2x35w	709,25	0.65	0.60
1040 02 70	Bl. int. rings	CDM-R 111 GX8.5	2x70w	2x70w	732,63	0.65	0.60
1040 90 70	Tit. int. rings	CDM-R 111 GX8.5	2x70w	2x70w	732,63	0.65	0.60

* Supplied in a standard manner with 40° opening lamp
 * Supplied in a standard manner with 3100° K lamp

Polivan Lecom CDM-R 111 1 lamp


Includes electronic transformer and CDM-R 111 lamp

Ref.	Colour	Lamp.	L/H	W	€	RAEE	
						lum.	lamp
 1039 02 35	Bl. int. rings	CDM-R 111 GX8.5	35w	35w	471,53	0.30	0.30
1039 90 35	Tit. int. rings	CDM-R 111 GX8.5	35w	35w	471,53	0.30	0.30
1039 02 70	Bl. int. rings	CDM-R 111 GX8.5	70w	70w	540,33	0.30	0.30
1039 90 70	Tit. int. rings	CDM-R 111 GX8.5	70w	70w	540,33	0.30	0.30

* Supplied in a standard manner with 40° opening lamp
 * Supplied in a standard manner with 3100° K lamp

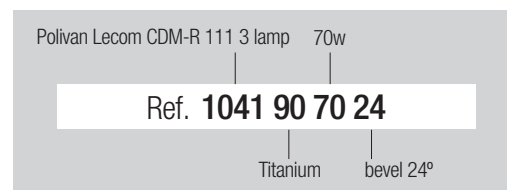
Polivan Lecom CDM-R 111 3 lamps

Includes electronic transformer and CDM-R 111 lamps

Ref.	Colour	Lamp.	L/H	W	€	RAEE	
						lum.	lamp
 1041 02 35	Bl. int. rings	CDM-R 111 GX8.5	3x35w	3x35w	924,21	0.65	0.90
1041 90 35	Tit. int. rings	CDM-R 111 GX8.5	3x35w	3x35w	924,21	0.65	0.90
1041 02 70	Bl. int. rings	CDM-R 111 GX8.5	3x70w	3x70w	975,51	0.65	0.90
1041 90 70	Tit. int. rings	CDM-R 111 GX8.5	3x70w	3x70w	975,51	0.65	0.90

* Supplied in a standard manner with 40° opening lamp
 * Supplied in a standard manner with 3100° K lamp

Example to write a reference with options



OPTIONS	Ref. 10	Ref. 24	Ref. 40
Bevel	10°	24°	40°
CDM-R 111 35w	•	•	•
CDM-R 111 70w	•	•	•

Modules Polivan



Polivan Lecom HQI

- Material:** Steel sheet and injected aluminium thermo painted.
- Optics:** Matt aluminium reflector with protection glass. Each lamp is independently adjustable with Cardam system.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** The series of Polivan Lecom HQI lightings use HQI G12 lamps only suitable for commercial use, exhibition areas and group facilities.
- Options:** We can combine in the same lighting, different light sources.(For example: 2 HQI + 2 QR-111) Please consult.
- Installation:** Rapid installation on the Polivan structure. Interchangeable modules according to needs.
- Colours:** Outer trim in die-cast finished in titanium with black or titanium internal rings and white totally.

Polivan Lecom HQI 2 lamps

Includes electronic transformer, glass and HQI lamps

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp	
1037 02 35	Bl. int. rings	HQI	G-12	2x35w	454,74	0.65	0.60
1037 90 35	Tit. int. rings	HQI	G-12	2x35w	454,74	0.65	0.60
1037 02 70	Bl. int. rings	HQI	G-12	2x70w	454,74	0.65	0.60
1037 90 70	Tit. int. rings	HQI	G-12	2x70w	454,74	0.65	0.60
1037 02 15	Bl. int. rings	HQI	G-12	2x150w	470,79	0.65	0.60
1037 90 15	Tit. int. rings	HQI	G-12	2x150w	470,79	0.65	0.60

* Supplied in a standard manner with 4200° K lamp

Polivan Lecom HQI 1 lamp

Includes electronic transformer, glass and HQI lamp

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp	
1036 02 35	Bl. int. rings	HQI	G-12	35w	234,63	0.30	0.30
1036 90 35	Tit. int. rings	HQI	G-12	35w	234,63	0.30	0.30
1036 02 70	Bl. int. rings	HQI	G-12	70w	234,63	0.30	0.30
1036 90 70	Tit. int. rings	HQI	G-12	70w	234,63	0.30	0.30
1036 02 15	Bl. int. rings	HQI	G-12	150w	242,64	0.30	0.30
1036 90 15	Tit. int. rings	HQI	G-12	150w	242,64	0.30	0.30

* Supplied in a standard manner with 4200° K lamp

Polivan Lecom HQI 3 lamps

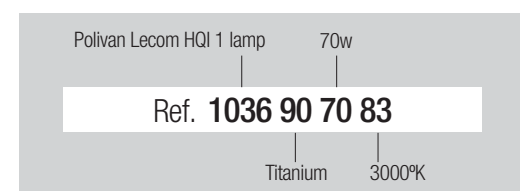
Includes electronic transformer, glass and HQI lamps

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp	
1038 02 35	Bl. int. rings	HQI	G-12	3x35w	661,46	0.65	0.90
1038 90 35	Tit. int. rings	HQI	G-12	3x35w	661,46	0.65	0.90
1038 02 70	Bl. int. rings	HQI	G-12	3x70w	661,46	0.65	0.90
1038 90 70	Tit. int. rings	HQI	G-12	3x70w	661,46	0.65	0.90
1038 02 15	Bl. int. rings	HQI	G-12	3x150w	685,54	0.65	0.90
1038 90 15	Tit. int. rings	HQI	G-12	3x150w	685,54	0.65	0.90

* Supplied in a standard manner with 4200° K lamp

Example to write a reference with options

OPTIONS	Ref. 83	Ref. 84
Colour temperature	3000K°	4200°K
HQI 35w	•	•
HQI 70w	•	•
HQI 150w	•	•



Modules Polivan

Polivan Zalín

Low consumption / LED

- Material:** Steel sheet thermo painted.
- Optics:** Highly-reflective aluminium reflector. It can be supplied with transparent protective internal glass (Ref. CTZ) or matt glass (Ref. CMZ) for an IP43 protection. (2x42 watts power should be installed without protective glass for an optimal thermal dissipation)
- Supply:** Equipments adapted to the type of lamp and to the power needed are included in all the models. Electronic ballast for PL lamps of 18 / 26 watts and PLT/E lamps of 32 / 42 watts. Optionally supplied with domotics sensors systems. (See the options of the table).
- Lamps:** It uses low consumption PL lamps of 18 / 26 watts and PLT/E lamps of 32 / 42 watts, suitable for domestic and commercial use.
- Installation:** Rapid installation on the Polivan structure. Interchangeable modules according to needs.
- Colours:** White, black, chrome matt and titanium.



Polivan Zalín 2 lamps

Includes ballast carrier boxes and PL lamps

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum.	lamp
1026 01 18 84	White	PL	G24q-2	2x18w	112,06	0.65	0.40
1026 02 18 84	Black	PL	G24q-2	2x18w	114,22	0.65	0.40
1026 52 18 84	Chrome matt	PL	G24q-2	2x18w	114,22	0.65	0.40
1026 90 18 84	Titanium	PL	G24q-2	2x18w	114,22	0.65	0.40
1026 01 26 84	White	PL	G24q-3	2x26w	112,08	0.65	0.40
1026 02 26 84	Black	PL	G24q-3	2x26w	114,24	0.65	0.40
1026 52 26 84	Chrome matt	PL	G24q-3	2x26w	114,24	0.65	0.40
1026 90 26 84	Titanium	PL	G24q-3	2x26w	114,24	0.65	0.40

* Supplied in a standard manner with 4200° K lamp

Includes electronic ballast and PLT/E lamps

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum.	lamp
1026 01 32 84	White	PLT/E	GX24Q-3	2x32w	161,62	0.65	0.40
1026 02 32 84	Black	PLT/E	GX24Q-3	2x32w	168,70	0.65	0.40
1026 52 32 84	Chrome matt	PLT/E	GX24Q-3	2x32w	168,70	0.65	0.40
1026 90 32 84	Titanium	PLT/E	GX24Q-3	2x32w	168,70	0.65	0.40
1026 01 42 84	White	PLT/E	GX24Q-4	2x42w	161,64	0.65	0.40
1026 02 42 84	Black	PLT/E	GX24Q-4	2x42w	168,72	0.65	0.40
1026 52 42 84	Chrome matt	PLT/E	GX24Q-4	2x42w	168,72	0.65	0.40
1026 90 42 84	Titanium	PLT/E	GX24Q-4	2x42w	168,72	0.65	0.40

* Supplied in a standard manner with 4200° K lamp

Includes driver and 2 LED 14,4W lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp
1026 01 14	White	LED	G-24d-3	2x14,4w	216,04	0.65	0.40
1026 05 14	Chrome	LED	G-24d-3	2x14,4w	218,20	0.65	0.40
1026 52 14	Chrome matt	LED	G-24d-3	2x14,4w	218,20	0.65	0.40
1026 90 14	Titanium	LED	G-24d-3	2x14,4w	218,20	0.65	0.40

* Supplied in a standard manner with 5400° K lamp

OPTIONS	Ref. 82	Ref. 83	Ref. 84	Ref. 86
Colour temperature	2700°K	3000°K	4000°K	6500°K
PL 26w	•	•	•	•
PLT/E 32w	•	•	•	
PLT/E 42w	•	•	•	

OPTIONS LED PL 14,4w*

IRC / Colour temperature	
Ref. 83	3300°K
Ref. 85	5400°K

(*) It includes LED chips by Osram Golden Dragon Plus.



	2x18/26w	2x32/42w
	€	€
Ref. AF High factor	2.90	2.90
Ref. BR Dimmable ballast 1-10v	85.00	87.00
Ref. TD Dimmable ballast Touch and Dim	85.00	87.00
Ref. CF Lighting control system "master"	129.00	136.00
Ref. FP Lighting sensor control system "master"	275.00	283.00
Ref. KE Emergency kit	130.00	130.00

	€	
Ref. CTZ Internal transparent glass	5,05	*
Ref. CMZ Internal matt glass	5,25	*
Ref. CTMZS Transparent/matt glass surface	5,94	*
Ref. CTSZ Transparent glass surface	5,94	*
Ref. CMSZ Matt glass surface	5,94	*
Ref. CMTZS Matt glass /transparent suspended	7,52	*
Ref. WL Wieland connector	16,30	

(*)About the 2x42w we recommend to install the downlight without glass protector in order to allow a suitable heat dissipation.

Modules Polivan

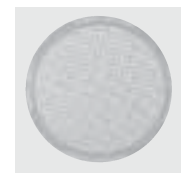
Polivan Ducto

Low consumption / LED

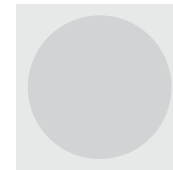
- Material:** Support made in steel sheet and injected zamak thermo painted.
- Optics:** Faceted aluminium reflector. It can be supplied with completely transparent protective glass (Ref. CTT), transparent protective glass with serigraphy (Ref. CT 494), matt glass (Ref. CM 494) or polycarbonate protection (Ref. CTP) for an IP43 protection.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models. Electronic ballast for PL lamps of 18 / 26 watts and PLT/E lamps of 32 / 42 watts. Optionally supplied with domotics sensors systems. (See the options of the table).
- Lamps:** It uses low consumption PL lamps of 18 / 26 watts and PLT/E lamps of 32 / 42 watts, suitable for domestic and commercial use.
- Installation:** Rapid installation on the Polivan structure. Interchangeable modules according to needs.
- Colours:** White, black, chrome matt and titanium.



Ref. CTT
Transparent glass.



Ref. CT 494
Cristal transp. serigrafiado.



Ref. CM 494
Matt glass.



Ref. CTP
Protector policarbonato.

Polivan Ducto 2 lamps

Includes ballast carrier boxes and PL lamps

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum.	RAEE lamp
1028 01 18 84	White	PL G24q-2	2x18w		65,71	0.65	0.40
1028 02 18 84	Black	PL G24q-2	2x18w		71,89	0.65	0.40
1028 52 18 84	Chrome matt	PL G24q-2	2x18w		71,89	0.65	0.40
1028 90 18 84	Titanium	PL G24q-2	2x18w		71,89	0.65	0.40
1028 01 26 84	White	PL G24q-3	2x26w		65,73	0.65	0.40
1028 02 26 84	Black	PL G24q-3	2x26w		71,79	0.65	0.40
1028 52 26 84	Chrome matt	PL G24q-3	2x26w		71,79	0.65	0.40
1028 90 26 84	Titanium	PL G24q-3	2x26w		71,79	0.65	0.40

* Supplied in a standard manner with 4200° K lamp

Includes electronic ballast and PLT/E lamps

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum.	RAEE lamp
1028 01 32 84	White	PLT/E GX24Q-3	2x32w		109,59	0.65	0.40
1028 02 32 84	Black	PLT/E GX24Q-3	2x32w		113,09	0.65	0.40
1028 52 32 84	Chrome matt	PLT/E GX24Q-3	2x32w		113,09	0.65	0.40
1028 90 32 84	Titanium	PLT/E GX24Q-3	2x32w		113,09	0.65	0.40
1028 01 42 84	White	PLT/E GX24Q-4	2x42w		109,61	0.65	0.40
1028 02 42 84	Black	PLT/E GX24Q-4	2x42w		113,11	0.65	0.40
1028 52 42 84	Chrome matt	PLT/E GX24Q-3	2x42w		113,11	0.65	0.40
1028 90 42 84	Titanium	PLT/E GX24Q-3	2x42w		113,11	0.65	0.40

* Supplied in a standard manner with 4200° K lamp

		2x18/26w	2x32/42w
		€	€
<i>Rough increase of the control gear</i>			
Ref. AF	High factor	2.90	2.90
Ref. BR	Dimmable ballast 1-10v	85.00	87.00
Ref. TD	Dimmable ballast Touch and Dim	85.00	87.00
Ref. CF	Lighting control system "master"	129.00	136.00
Ref. FP	Lighting sensor control system "master"	275.00	280.00
Ref. KE	Emergency kit	130.00	130.00

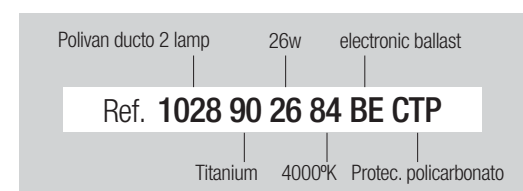
		€
<i>Rough price increase of accesories</i>		
Ref. CTT	Internal transparent glass	4,36 *
Ref. CT494	Transparent glass serigrafiado	4,36 *
Ref. CM494	Matt glass	4,57 *
Ref. CTP	Protector de policarbonato	8,88 *
Ref. WL	Wieland connector	16,30

(*About the 2x42w we recommend to install the downlight without glass protector in order to allow a suitable heat dissipation.

		2 lamps
		€
Ref. LED 83	Lamp PL LED 14,4w - 3.300°K *	104,00
Ref. LED 85	Lamp PL LED 14,4w - 5.500°K *	104,00

(* It includes LED chips by Osram Golden Dragon Plus.

Example to write a reference with options



OPTIONS	Ref. 82	Ref. 83	Ref. 84	Ref. 86
Colour temperature	2700°K	3000°K	4000°K	6500°K
PL 26w	•	•	•	•
PLT/E 32w	•	•	•	
PLT/E 42w	•	•	•	

Modules Polivan

Polivan Efici Low consumption / LED

- Material:** Support made in steel sheet. The luminary is manufactured entirely in polycarbonate.
- Optics:** Polycarbonate reflector optimized with lighting output simulation software. It can be supplied with darklight accessory (Ref. 1008), transparent protective glass (Ref. CTF) or matt glass (Ref. CMF) for an IP43 protection.
- Supply:** Electronic ballast, included. Optionally supplied with domotics sensors systems. (See the options of the table).
- Lamps:** It uses low consumption PL lamps lamps of 18 / 26 watts, PLR-ECO lamps of 14 / 17 watts and PLT/E lamps of 32 / 42 watts, suitable for domestic and commercial use.
- Installation:** Rapid installation on the Polivan structure. Interchangeable modules according to needs.
- Colours:** White, black and titanium..



Polivan Efici 2 lamps

Includes ballast carrier boxes and PL lamps

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp
1027 01 18 84	White	PL G24q-2	2x18w		108,37	0.65 0.40
1027 02 18 84	Black	PL G24q-2	2x18w		111,73	0.65 0.40
1027 90 18 84	Titanium	PL G24q-2	2x18w		111,73	0.65 0.40
1027 01 26 84	White	PL G24q-3	2x26w		108,39	0.65 0.40
1027 02 26 84	Black	PL G24q-3	2x26w		111,75	0.65 0.40
1027 90 26 84	Titanium	PL G24q-3	2x26w		111,75	0.65 0.40

* Supplied in a standard manner with 4200° K lamp

Includes electronic ballast and PLR-ECO lamp

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp
1027 01 14 84	White	PLR GR14q-1	2x14w		122,69	0.65 0.40
1027 02 14 84	Black	PLR GR14q-1	2x14w		126,89	0.65 0.40
1027 90 14 84	Titanium	PLR GR14q-1	2x14w		126,89	0.65 0.40
1027 01 17 84	White	PLR GR14q-1	2x17w		122,71	0.65 0.40
1027 02 17 84	Black	PLR GR14q-1	2x17w		126,91	0.65 0.40
1027 90 17 84	Titanium	PLR GR14q-1	2x17w		126,91	0.65 0.40

* Supplied in a standard manner with 4200° K lamp

Includes electronic ballast and PLT/E lamps

Ref.	Colour	Lamp.	L/H	W	€	RAEE lum. lamp
1027 01 32 84	White	PLT/E GX24Q-3	2x32w		125,68	0.65 0.40
1027 02 32 84	Black	PLT/E GX24Q-3	2x32w		129,26	0.65 0.40
1027 90 32 84	Titanium	PLT/E GX24Q-3	2x32w		129,26	0.65 0.40
1027 01 42 84	White	PLT/E GX24Q-4	2x42w		125,70	0.65 0.40
1027 02 42 84	Black	PLT/E GX24Q-4	2x42w		129,28	0.65 0.40
1027 90 42 84	Titanium	PLT/E GX24Q-4	2x42w		129,28	0.65 0.40

* Supplied in a standard manner with 4200° K lamp

		2x13/14/17/18/26w	2x32/42w
Incremento respecto al electronic ballast		€	€
Ref. AF	High factor	2.90	2.90
Ref. BR	Dimmable ballast 1-10v	87.00	87.00
Ref. TD	Dimmable ballast Touch and Dim	87.00	87.00
Ref. CF	Lighting control system "master"	136.00	136.00
Ref. FP	Lighting sensor control system "master"	283.00	283.00
Ref. KE	Emergency kit	130.00	130.00

Rough price increase of accessories		€	
Ref. CTF	Transparent glass efici	4,45	*
Ref. CMF	Matt glass efici	4,64	*
Ref. 1008	Darklight efici	15	
Ref. WL	Wieland connector	16,30	

(*About the 2x42w we recommend to install the downlight without glass protector in order to allow a suitable heat dissipation.



Ref. CTT
Transparent glass.

Ref. CT 494
Matt glass

Ref. 1008
Darklight Efici

OPTIONS	Ref. 82	Ref. 83	Ref. 84	Ref. 86
Colour temperature	2700°K	3000°K	4000°K	6500°K
PLR-ECO 14w		•	•	
PLR-ECO 17w		•	•	
PL 26w	•	•	•	•
PLT/E 32w	•	•	•	
PLT/E 42w	•	•	•	

Rough price increase of accessories		2 lamps
Ref. LED 83	Lamp PL LED 14,4w - 3.300°K *	104,00
Ref. LED 85	Lamp PL LED 14,4w - 5.500°K *	104,00

(* It includes LED chips by Osram Golden Dragon Plus.

Example to write a reference with options

Polivan Efici 2 lamp 42w Control de flujo

Ref. 1027 90 42 84 CF CT494

Titanium 4000°K Matt glass

(*About the 2x42w we recommend to install the downlight without glass protector in order to allow a suitable heat dissipation.

Modules Polivan

Polivan Ducto HQI

- Material:** Support in steel sheet and injected zamak thermo painted.
- Optics:** Aluminium reflector. It includes protection glass for an IP43 protection.
- Supply:** Electronic ballast adapted to the type of lamp and to the power needed are included.
- Lamps:** It uses lineal metal halide HQI lamps of 70 and 150w, suitable for commercial and industrial areas.
- Installation:** Rapid installation on the Polivan structure. Interchangeable modules according to needs.
- Colours:** White, black and titanium.



Includes glass, electronic transformer and HQI lamp

Ref.	Colour	Lamp.	L/H	W	€	RAEE	
						lum.	lamp
1029 01 70	White	HQI	RX7s	1x70w	158,28	0.65	0.30
1029 02 70	Black	HQI	RX7s	1x70w	161,91	0.65	0.30
1029 52 70	Chrome matt	HQI	RX7s	1x70w	161,91	0.65	0.30
1029 90 70	Titanium	HQI	RX7s	1x70w	161,91	0.65	0.30
1030 01 15	White	HQI	RX7s	1x150w	168,46	0.65	0.30
1030 02 15	Black	HQI	RX7s	1x150w	173,77	0.65	0.30
1030 52 15	Chrome matt	HQI	RX7s	1x150w	173,77	0.65	0.30
1030 90 15	Titanium	HQI	RX7s	1x150w	173,77	0.65	0.30

* Supplied in a standard manner with 4200° K lamp

Polivan Rectangular Adjustable HQI

- Material:** Steel sheet thermo painted.
- Optics:** Aluminium reflector. It can be supplied with protective glass for an IP42 protection. Adjustable system.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included.
- Lamps:** It uses lineal metal halide HQI lamps of 70 and 150w, suitable for commercial and industrial areas.
- Installation:** Rapid installation on the Polivan structure. Interchangeable modules according to needs.
- Colours:** White, black and titanium.



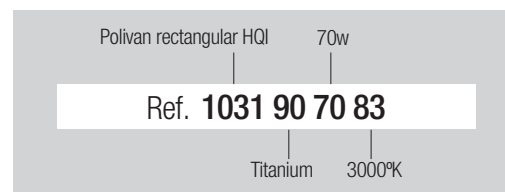
Includes glass, electronic transformer and HQI lamp

Ref.	Colour	Lamp.	L/H	W	€	RAEE	
						lum.	lamp
1031 01 70	White	HQI	RX7s	1x70w	167,18	0.65	0.30
1031 02 70	Black	HQI	RX7s	1x70w	169,52	0.65	0.30
1031 90 70	Titanium	HQI	RX7s	1x70w	169,52	0.65	0.30
1032 01 15	White	HQI	RX7s	1x150w	179,07	0.65	0.30
1032 02 15	Black	HQI	RX7s	1x150w	181,51	0.65	0.30
1032 90 15	Titanium	HQI	RX7s	1x150w	181,51	0.65	0.30

* Supplied in a standard manner with 4200° K lamp

OPTIONS	Ref. 83	Ref. 84
Colour temperature	3000°K	4200°K
HQI 70w	•	•
HQI 150w	•	•

Example to write a reference with options



Tubyllum

Protection degree IP20

- Material:** Extruded aluminium tubular shaped structure thermo painted.
- Optics:** Brightness aluminium reflector, included. Diffuser with a grid (Ref. R) or opal plastic diffuser (Ref. P).
- Supply:** Ballasts adapted to the type of lamp and to the power needed are included. It includes high factor.
- Lamps:** Fluorescent T8 tubes, supplied with 840 lamps (colour temperature: 4000°k); we can also supply with 830/865 lamps (colour temperature: 3000°k and 6500°k).
- Installation:** Directly on ceilings with a rigid suspension, adjustable height, direct or cable suspension.
- Colours:** White, black and chrome matt. Available in all the colours by request.



T8 LED LAMPS OPTION

Osram Golden Dragon Plus components

Rough price increase	N° leds	Watts	Replaceable by:	Temp.Colour	€ (por lámp.)
Ref. 3162 09	8 leds	9w	18w	5400°K	87,50
Ref. 3162 15	13 leds	15w	36w	5400°K	122,30
Ref. 3162 20	17 leds	20w	58w	5400°K	160,90

Driver suitable to type of lamp and wattage included in each model.
T8 led lamps are not compatible with lighting control DALI system (ACTILUME) . Accept an emergency kit.

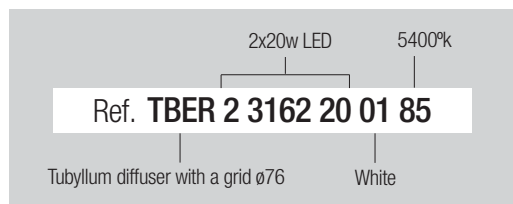


T8 LED OPTIONS

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K

Example to write a reference with options LEDS



Tubyllum 50mm diameter Ø without diffuser

Includes control gear (AF) and 840 lamps (without diffuser)

Ref.	Colour	Watts	Measures	Ø Tube	€	lum. lamp	RAEE
TB 118/50 01 84	White	1x18W	1020	50	57,94	0.65	0.30
TB 118/50 02 84	Black	1x18W	1020	50	60,85	0.65	0.30
TB 118/50 52 84	Chrome matt	1x18W	1020	50	66,65	0.65	0.30
TB 136/50 01 84	White	1x36W	1630	50	71,44	0.65	0.30
TB 136/50 02 84	Black	1x36W	1630	50	75,01	0.65	0.30
TB 136/50 52 84	Chrome matt	1x36W	1630	50	82,15	0.65	0.30
TB 158/50 01 84	White	1x58W	2020	50	85,78	0.65	0.30
TB 158/50 02 84	Black	1x58W	2020	50	90,07	0.65	0.30
TB 158/50 52 84	Chrome matt	1x58W	2020	50	98,64	0.65	0.30

Tubyllum 50mm diameter Ø diffuser with a grid

Includes control gear (AF), diffuser with a grid and 840 lamps

Ref.	Colour	Watts	Measures	Ø Tube	€	lum. lamp	RAEE
TBR 118/50 01 84	White	1x18W	1020	50	64,93	0.65	0.30
TBR 118/50 02 84	Black	1x18W	1020	50	68,16	0.65	0.30
TBR 118/50 52 84	Chrome matt	1x18W	1020	50	74,66	0.65	0.30
TBR 136/50 01 84	White	1x36W	1630	50	82,79	0.65	0.30
TBR 136/50 02 84	Black	1x36W	1630	50	86,93	0.65	0.30
TBR 136/50 52 84	Chrome matt	1x36W	1630	50	95,21	0.65	0.30
TBR 158/50 01 84	White	1x58W	2020	50	99,08	0.65	0.30
TBR 158/50 02 84	Black	1x58W	2020	50	104,04	0.65	0.30
TBR 158/50 52 84	Chrome matt	1x58W	2020	50	104,66	0.65	0.30

Tubyllum 50mm diameter Ø opal diffuser

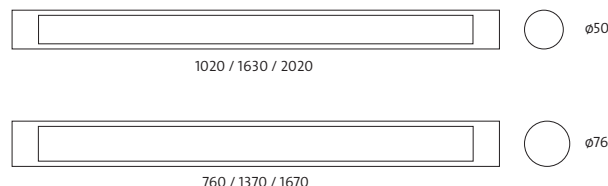
Includes control gear (AF), opal diffuser and 840 lamps

Ref.	Colour	Watts	Measures	Ø Tube	€	lum. lamp	RAEE
TBP 118/50 01 84	White	1x18W	1020	50	64,41	0.65	0.30
TBP 118/50 02 84	Black	1x18W	1020	50	67,64	0.65	0.30
TBP 118/50 52 84	Chrome matt	1x18W	1020	50	74,06	0.65	0.30
TBP 136/50 01 84	White	1x36W	1630	50	83,48	0.65	0.30
TBP 136/50 02 84	Black	1x36W	1630	50	87,63	0.65	0.30
TBP 136/50 52 84	Chrome matt	1x36W	1630	50	96,00	0.65	0.30
TBP 158/50 01 84	White	1x58W	2020	50	99,30	0.65	0.30
TBP 158/50 02 84	Black	1x58W	2020	50	104,26	0.65	0.30
TBP 158/50 52 84	Chrome matt	1x58W	2020	50	113,53	0.65	0.30

Tubyllum 76mm diameter Ø without diffuser

Includes control gear (AF) and 840 lamps (without diffuser)

Ref.	Colour	Watts	Measures	Ø Tube	€	RAEE lum. lamp	
TBE 118/76 01 84	White	1x18W	760	76	59,48	0.65	0.30
TBE 118/76 02 84	Black	1x18W	760	76	65,43	0.65	0.30
TBE 118/76 52 84	Chrome matt	1x18W	760	76	68,39	0.65	0.30
TBE 136/76 01 84	White	1x36W	1370	76	75,36	0.65	0.30
TBE 136/76 02 84	Black	1x36W	1370	76	79,12	0.65	0.30
TBE 136/76 52 84	Chrome matt	1x36W	1370	76	86,65	0.65	0.30
TBE 158/76 01 84	White	1x58W	1670	76	90,30	0.65	0.30
TBE 158/76 02 84	Black	1x58W	1670	76	94,80	0.65	0.30
TBE 158/76 52 84	Chrome matt	1x58W	1670	76	103,83	0.65	0.30
TB 218/76 01 84	White	2x18W	760	76	75,00	0.65	0.60
TB 218/76 02 84	Black	2x18W	760	76	78,75	0.65	0.60
TB 218/76 52 84	Chrome matt	2x18W	760	76	86,25	0.65	0.60
TB 236/76 01 84	White	2x36W	1370	76	97,77	0.65	0.60
TB 236/76 02 84	Black	2x36W	1370	76	103,62	0.65	0.60
TB 236/76 52 84	Chrome matt	2x36W	1370	76	112,43	0.65	0.60
TB 258/76 01 84	White	2x58W	1670	76	118,07	0.65	0.60
TB 258/76 02 84	Black	2x58W	1670	76	123,98	0.65	0.60
TB 258/76 52 84	Chrome matt	2x58W	1670	76	135,78	0.65	0.60



Tubyllum 76mm diameter Ø diffuser with a grid

Includes control gear (AF), diffuser with a grid and 840 lamps

Ref.	Colour	Watts	Measures	Ø Tube	€	RAEE lum. lamp	
TBER 118/76 01 84	White	1x18W	760	76	67,32	0.65	0.30
TBER 118/76 02 84	Black	1x18W	760	76	70,67	0.65	0.30
TBER 118/76 52 84	Chrome matt	1x18W	760	76	77,35	0.65	0.30
TBER 136/76 01 84	White	1x36W	1370	76	88,79	0.65	0.30
TBER 136/76 02 84	Black	1x36W	1370	76	93,22	0.65	0.30
TBER 136/76 52 84	Chrome matt	1x36W	1370	76	102,11	0.65	0.30
TBER 158/76 01 84	White	1x58W	1670	76	107,19	0.65	0.30
TBER 158/76 02 84	Black	1x58W	1670	76	112,54	0.65	0.30
TBER 158/76 52 84	Chrome matt	1x58W	1670	76	123,16	0.65	0.30
TBR 218/76 01 84	White	2x18W	760	76	82,95	0.65	0.60
TBR 218/76 02 84	Black	2x18W	760	76	87,09	0.65	0.60
TBR 218/76 52 84	Chrome matt	2x18W	760	76	95,39	0.65	0.60
TBR 236/76 01 84	White	2x36W	1370	76	111,20	0.65	0.60
TBR 236/76 02 84	Black	2x36W	1370	76	116,76	0.65	0.60
TBR 236/76 52 84	Chrome matt	2x36W	1370	76	127,88	0.65	0.60
TBR 258/76 01 84	White	2x58W	1670	76	134,97	0.65	0.60
TBR 258/76 02 84	Black	2x58W	1670	76	141,70	0.65	0.60
TBR 258/76 52 84	Chrome matt	2x58W	1670	76	155,20	0.65	0.60

Tubyllum 76mm diameter Ø opal diffuser

Includes control gear (AF), opal diffuser and 840 lamps

Ref.	Colour	Watts	Measures	Ø Tube	€	RAEE lum. lamp	
TBEP 118/76 01 84	White	1x18W	760	76	66,92	0.65	0.30
TBEP 118/76 02 84	Black	1x18W	760	76	70,27	0.65	0.30
TBEP 118/76 52 84	Chrome matt	1x18W	760	76	76,97	0.65	0.30
TBEP 136/76 01 84	White	1x36W	1370	76	89,33	0.65	0.30
TBEP 136/76 02 84	Black	1x36W	1370	76	93,79	0.65	0.30
TBEP 136/76 52 84	Chrome matt	1x36W	1370	76	102,72	0.65	0.30
TBEP 158/76 01 84	White	1x58W	1670	76	108,09	0.65	0.30
TBEP 158/76 02 84	Black	1x58W	1670	76	113,48	0.65	0.30
TBEP 158/76 52 84	Chrome matt	1x58W	1670	76	124,31	0.65	0.30
TBP 218/76 01 84	White	2x18W	760	76	82,56	0.65	0.60
TBP 218/76 02 84	Black	2x18W	760	76	86,69	0.65	0.60
TBP 218/76 52 84	Chrome matt	2x18W	760	76	94,95	0.65	0.60
TBP 236/76 01 84	White	2x36W	1370	76	111,74	0.65	0.60
TBP 236/76 02 84	Black	2x36W	1370	76	117,32	0.65	0.60
TBP 236/76 52 84	Chrome matt	2x36W	1370	76	128,50	0.65	0.60
TBP 258/76 01 84	White	2x58W	1670	76	135,87	0.65	0.60
TBP 258/76 02 84	Black	2x58W	1670	76	142,66	0.65	0.60
TBP 258/76 52 84	Chrome matt	2x58W	1670	76	156,25	0.65	0.60

OPTIONS

IRC / Colour temperature

Ref. **83** 830 / 3000°K Lamp

Ref. **86** 865 / 6500°K Lamp

Incremento por equipo respecto al control gear en el modelo de Ø 76 mm	€	1 lamp	2 lamp
Ref. BE Electronic ballast		19.90	28.00
Ref. BR Dimmable ballast 1-10v		68.80	80.00
Ref. TD Dimmable ballast Touch and Dim		69.60	85.00
Ref. CF Lighting control system "master"		120.00	130.00
Ref. FP Lighting sensor control system "master"		219.90	235.00
Ref. KE Emergency kit	110.00		

Rough price increase of accessories

Ref. **WL** Wieland connector 16.30

* It can be supplied in different colours with one increase of 15% on the price of the white version.

Example to write a reference with options

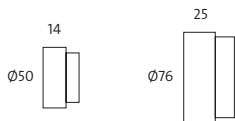
Tubyllum diffuser with a grid ø76 White

Ref. **TBER 118/76 01 83**

1x18 w 3000°K

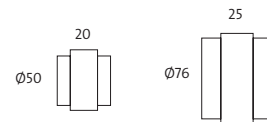


Tubyllum accessories



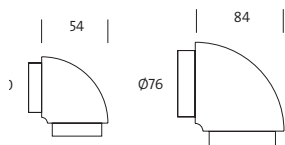
Tubyllum final cover

Ref.	Colour	ø Tube	€
TF 50 01	White	50	4,35
TF 50 02	Black	50	4,35
TF 76 01	White	76	5,11
TF 76 02	Black	76	5,11



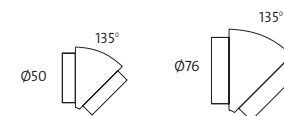
Tubyllum intermediate joint

Ref.	Colour	ø Tube	€
UI 50 01	White	50	5,84
UI 50 02	Black	50	5,84
UI 76 01	White	76	6,77
UI 76 02	Black	76	6,77



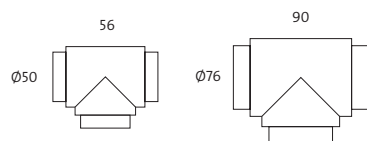
Tubyllum 90° joints

Ref.	Colour	ø Tube	€
U 90 50 01	White	50	8,40
U 90 50 02	Black	50	8,40
U 90 76 01	White	76	10,69
U 90 76 02	Black	76	10,69



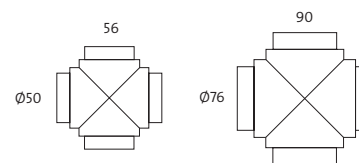
Tubyllum 135° joints

Ref.	Colour	ø Tube	€
U 135 50 01	White	50	8,76
U 135 50 02	Black	50	8,76
U 135 76 01	White	76	13,71
U 135 76 02	Black	76	13,71



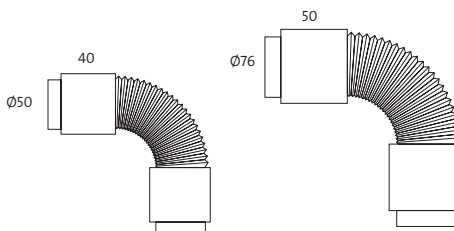
Tubyllum T 90° joint

Ref.	Colour	ø Tube	€
UT 50 01	White	50	19,68
UT 50 02	Black	50	19,68
UT 76 01	White	76	20,41
UT 76 02	Black	76	20,41



Tubyllum cross joint

Ref.	Colour	ø Tube	€
UC 50 01	White	50	19,68
UC 50 02	Black	50	19,68
UC 76 01	White	76	20,41
UC 76 02	Black	76	20,41



Tubyllum flexible joint

Ref.	Colour	ø Tube	€
UF 50 01	White	50	20,89
UF 50 02	Black	50	20,89
UF 76 01	White	76	26,55
UF 76 02	Black	76	26,55



Direct suspension aluminium

Ref.	€
SD	3,91



Direct suspension

Ref.	Colour	€
SF 01	White	6,13
SF 02	Black	6,13



Rigid suspension

Ref.	Colour	Height mm	€
SR 100 01	White	100	4,24
SR 100 02	White	100	4,24
SR 250 01	White	250	5,43
SR 250 02	White	250	5,43
SR 500 01	White	500	6,92
SR 500 02	White	500	6,92
SR 1000 01	White	1000	9,18
SR 1000 02	White	1000	9,18



Adjustable height suspension

Ref.	Colour	Height mm	€
SHV 01	White	max. 1000	22,12
SHV 02	Black	max. 1000	22,12



Suspension cable aluminium 1000mm

Ref.	Height mm	€
SCB	1000	5,50



Mains connected suspension

Ref.	Colour	Height mm	€
SCC 01	White	max. 1000	19,81
SCC 02	Black	max. 1000	19,81



Cable suspensión polycarbonate 1000mm

Ref.	Colour	Height mm	€
SC/01	White	1000	5,76
SC/02	Black	1000	5,76



Ovaluz

Protection degree IP20

- Material:** Extruded aluminium tubular shaped structure thermo painted.
- Optics:** Brightness aluminium reflector, included. Diffuser with a grid (Ref. R) or opal plastic diffuser (Ref. P).
- Supply:** Ballasts adapted to the type of lamp and to the power needed are included. It includes high factor.
- Lamps:** Fluorescent T8 tubes, supplied with 840 lamps (colour temperature: 4000°k); we can also supply with 830/865 lamps (colour temperature: 3000°k and 6500°k).
- Installation:** Directly on ceilings with a rigid suspension, adjustable height, direct or cable suspension.
- Colours:** White, black and chrome matt. Available in all the colours by request.

Includes control gear (AF) and 840 lamps (without diffuser)

Ref.	Colour	Watts	Measures	€	RAEE	
					lum	lamp
OV 118 01 84	White	1x18W	750	86,92	0.65	0.30
OV 136 01 84	White	1x36W	1370	120,13	0.65	0.30
OV 158 01 84	White	1x58W	1650	145,29	0.65	0.30
OV 218 01 84	White	2x18W	750	104,20	0.65	0.60
OV 236 01 84	White	2x36W	1370	139,58	0.65	0.60
OV 258 01 84	White	2x58W	1650	171,05	0.65	0.60

Includes control gear (AF), diffuser with a grid and 840 lamps

Ref.	Colour	Watts	Measures	€	RAEE	
					lum	lamp
OVR 118 01 84	White	1x18W	750	94,57	0.65	0.30
OVR 136 01 84	White	1x36W	1370	132,57	0.65	0.30
OVR 158 01 84	White	1x58W	1650	160,82	0.65	0.30
OVR 218 01 84	White	2x18W	750	111,86	0.65	0.60
OVR 236 01 84	White	2x36W	1370	152,00	0.65	0.60
OVR 258 01 84	White	2x58W	1650	185,87	0.65	0.60

Includes control gear (AF), opal diffuser and 840 lamps

Ref.	Colour	Watts	Measures	€	RAEE	
					lum	lamp
OVP 118 01 84	White	1x18W	750	106,99	0.65	0.30
OVP 136 01 84	White	1x36W	1370	157,14	0.65	0.30
OVP 158 01 84	White	1x58W	1650	193,92	0.65	0.30
OVP 218 01 84	White	2x18W	750	124,29	0.65	0.60
OVP 236 01 84	White	2x36W	1370	176,58	0.65	0.60
OVP 258 01 84	White	2x58W	1650	218,97	0.65	0.60

OPTIONS

IRC / Colour temperature

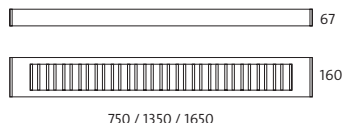
Ref. 83	830 / 3000°K Lamp
Ref. 86	865 / 6500°K Lamp

		1 lamp	2 lamp
Rough increase of the control gear	€	€	€
Ref. BE	electronic ballast	19.90	28.00
Ref. BR	Dimmable ballast 1-10v	68.80	80.00
Ref. TD	Dimmable ballast Touch and Dim	69.60	85.00
Ref. CF	Lighting control system "master"	120.00	130.00
Ref. FP	Lighting sensor control system "master"	219.90	235.00
Ref. KE	Emergency kit	110.00	

Rough price increase of accessories

Ref. WL	Wieland connector	16.30
----------------	-------------------	--------------

* It can be supplied in different colours with one increase of 15% on the price of the white version.



Ovaluz diffuser with a grid



Ovaluz opal diffuser

T8 LED LAMPS OPTION

Osram Golden Dragon Plus components

Rough price increase	N° leds	Watts	Replaceable by:	Temp.Colour	€ (por lámp.)
Ref. 3162 09	8 leds	9w	18w	5400°K	87,50
Ref. 3162 15	13 leds	15w	36w	5400°K	122,30
Ref. 3162 20	17 leds	20w	58w	5400°K	160,90

Driver suitable to type of lamp and wattage included in each model.
T8 led lamps are not compatible with lighting control DALI system (ACTILUME). Accept an emergency kit.

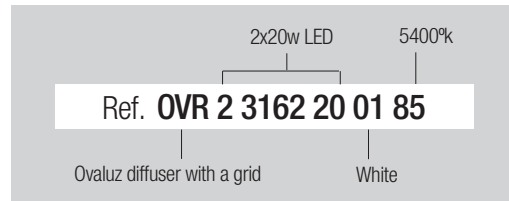


T8 LED OPTIONS

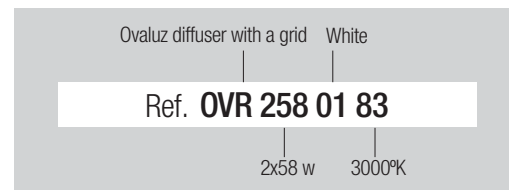
IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K

Example to write a reference with options LEDs



Example to write a reference with options



Ovaluz accesories



Ovaluz final cover

Ref.	€
TF/OV	3,93



Ovaluz intermediate joints 2 ud.

Ref.	€
UI/OV	1,77



Ovaluz 90° joints

Ref.	€
U90/OV	27,30



Ovaluz T 90° joints

Ref.	€
UT/OV	36,46



Ovaluz 90° cross joint

Ref.	€
UC/OV	44,37



Ovaluz flexible joint

Ref.	€
UF/OV	30,17



Celing support 2TF Ovaluz

Ref.	Situation	€
SP/OV	external	17,79
SPI/OV	inside	23,46



Rigid suspension Ovaluz

Ref.	Height mm	€
SR 100/OV	100	4,71
SR 250/OV	250	6,26
SR 500/OV	500	8,85
SR 1000/OV	100	10,23



Adjustable height suspension

Ref.	Height mm	€
SHR/OV	max. 1000	20,80



Suspension cable aluminium Ovaluz

Ref.	Height mm	€
SCBA/OV	1000	6,47



Mains connected suspension

Ref.	Height mm	€
SCC/OV	max. 1000	20,80



Cable suspension Ovaluz

Ref.	Height mm	€
SC/OV	1000	5,44



Direct suspension Ovaluz

Ref.	€
SD/OV	4,39



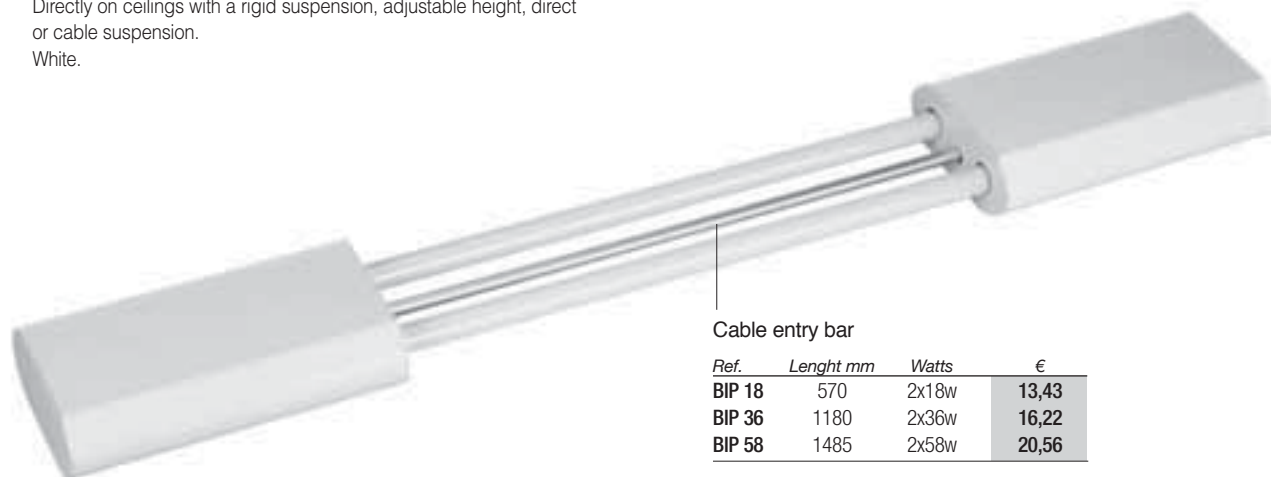
Direct suspension Ovaluz

Ref.	€
SF/OV	6,13

Linéluz

Protection degree IP20

- Material:** Extruded aluminium structure thermo painted.
- Optics:** Fluorescent tubes on sight.
- Supply:** Ballasts adapted to the type of lamp and to the power needed are included. It includes high factor.
- Installation:** Directly on ceilings with a rigid suspension, adjustable height, direct or cable suspension.
- Colours:** White.



Cable entry bar

Ref.	Lenght mm	Watts	€
BIP 18	570	2x18w	13,43
BIP 36	1180	2x36w	16,22
BIP 58	1485	2x58w	20,56

OPTIONS

IRC / Colour temperature

Ref. 83	830 / 3000°K Lamp
Ref. 86	865 / 6500°K Lamp

* It can be supplied in different colours with one increase of 15% on the price of the white version.

T8 LED LAMPS OPTION

Osram Golden Dragon Plus components

Rough price increase	N° leds	Watts	Replaceable by:	Temp. Colour	€ (por lámp.)
Ref. 3162 09	8 leds	9w	18w	5400°K	87,50
Ref. 3162 15	13 leds	15w	36w	5400°K	122,30
Ref. 3162 20	17 leds	20w	58w	5400°K	160,90

Driver suitable to type of lamp and wattage included in each model.
T8 led lamps are not compatible with lighting control DALI system (ACTLUME) . Accept an emergency kit..

T8 LED OPTIONS

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K

Joints



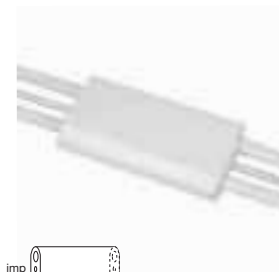
Final lineal without control gear

Ref.	€
BIA	46,16



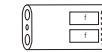
Initial lineal

Ref.	W(A)	€
BIA / A18	2x18w	64,77
BIA / A36	2x36w	64,77
BIA / A58	2x58w	73,93



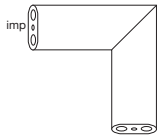
Inte. joint lineal without control gear

Ref.	€
BIB	54,29



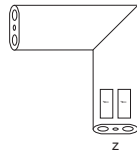
Intermediate joint lineal

Ref.	W(C)	€
BIB / C18	2x18w	74,21
BIB / C36	2x36w	74,21
BIB / C58	2x58w	84,34



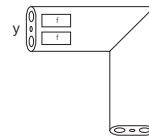
90° joints without control gear

Ref.	€
BIC	87,15



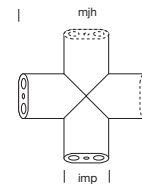
90° joints

Ref.	W(B)	€
BID / B18	2x18w	111,55
BID / B36	2x36w	111,55
BID / B58	2x58w	115,85



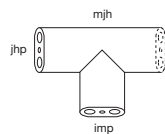
90° joints

Ref.	W(A)	€
BIC / A18	2x18w	111,55
BIC / A36	2x36w	111,55
BIC / A58	2x58w	115,85



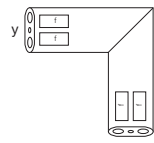
90° cross without control gear

Ref.	€
BIL	154,36



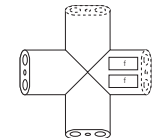
T 90° without control gear

Ref.	€
BIF	109,51



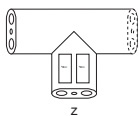
Codo 90°A-B (2x)

Ref.	W(A)	W(B)	€
BIE / A18B18	18w	18w	149,62
BIE / A18B36	18w	36w	149,62
BIE / A18B58	18w	58w	150,09
BIE / A36B18	36w	18w	149,62
BIE / A36B36	36w	36w	149,62
BIE / A36B58	36w	58w	150,09
BIE / A58B18	58w	18w	150,09
BIE / A58B36	58w	36w	150,09
BIE / A58B58	58w	58w	150,09



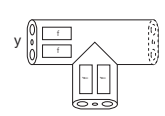
90° cross

Ref.	W(C)	€
BIL / C18	2x18w	178,72
BIL / C36	2x36w	189,24
BIL / C58	2x58w	210,67



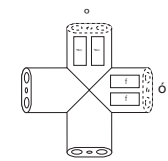
T 90°B

Ref.	W(B)	€
BIF / B18	2x18w	145,89
BIF / B36	2x36w	145,89
BIF / B58	2x58w	151,88



T 90° A-B (2x)

Ref.	W(A)	W(B)	€
BIH / A18B18	18w	18w	169,35
BIH / A18B36	18w	36w	169,35
BIH / A18B58	18w	58w	194,95
BIH / A36B18	36w	18w	169,35
BIH / A36B36	36w	36w	169,35
BIH / A36B58	36w	58w	194,95
BIH / A58B18	58w	18w	189,28
BIH / A58B36	58w	36w	189,28
BIH / A58B58	58w	58w	194,95



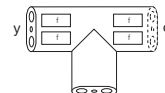
90° cross(2x)

Ref.	W(C)	W(D)	€
BIN / C18D18	18w	18w	210,67
BIN / C18D36	18w	36w	210,67
BIN / C18D58	18w	58w	225,80
BIN / C36D18	36w	18w	210,67
BIN / C36D36	36w	36w	210,67
BIN / C36D58	36w	58w	225,80
BIN / C58D18	58w	18w	225,80
BIN / C58D36	58w	36w	225,80
BIN / C58D58	58w	58w	225,80



T 90°A

Ref.	W(A)	€
BIK / A18	2x18w	145,64
BIK / A36	2x36w	151,93
BIK / A58	2x58w	169,35



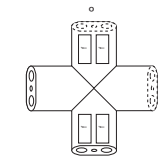
T 90°A-C (2x)

Ref.	W(A)	W(C)	€
BIG / A18C18	18w	18w	169,35
BIG / A18C36	18w	36w	169,35
BIG / A18C58	18w	58w	194,95
BIG / A36C18	36w	18w	169,35
BIG / A36C36	36w	36w	169,35
BIG / A36C58	36w	58w	194,95
BIG / A58C18	58w	18w	194,95
BIG / A58C36	58w	36w	194,95
BIG / A58C58	58w	58w	194,95



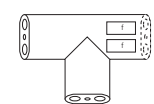
T 90°B-C (2x)v

Ref.	W(B)	W(C)	€
BII / B18C18	18w	18w	169,35
BII / B18C36	18w	36w	169,35
BII / B18C58	18w	58w	194,95
BII / B36C18	36w	18w	169,35
BII / B36C36	36w	36w	169,35
BII / B36C58	36w	58w	194,95
BII / B58C18	58w	18w	194,95
BII / B58C36	58w	36w	194,95
BII / B58C58	58w	58w	194,95



90° cross(2x)

Ref.	W(B)	W(D)	€
BIM / B18D18	18w	18w	210,67
BIM / B18D36	18w	36w	225,80
BIM / B18D58	18w	58w	225,80
BIM / B36D18	36w	18w	225,80
BIM / B36D36	36w	36w	225,80
BIM / B36D58	36w	58w	225,80
BIM / B58D18	58w	18w	225,80
BIM / B58D36	58w	36w	225,80
BIM / B58D58	58w	58w	225,80



T 90°C

Ref.	W(C)	€
BIJ / C18	2x18w	145,64
BIJ / C36	2x36w	151,93
BIJ / C58	2x58w	169,35

Fluorescence T8



Recessed polyvalent Virtus **302**



Virtus Armstrong view profile **306**



Surface Virtus **308**



Waterproof screen Berna T8 **378**



Pla **380**



Luminary with prismatic diffuser **381**



Industrial stripT8 **382**

Fluorescence T5



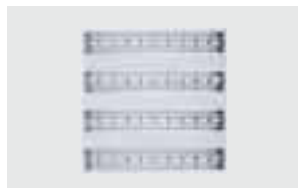
Recessed polyvalent Enerfi 1xT5 **314**



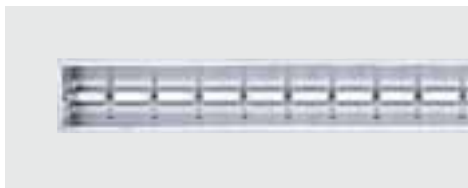
Recessed polyvalent Enerfi 2xT5 **315**



Recessed polyvalent Enerfi 3xT5 **318**



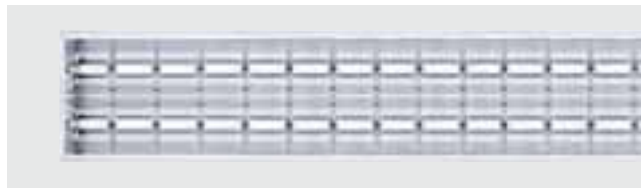
Recessed polyvalent Enerfi 4xT5 **320**



Recessed screen continuous line Enerfi 1xT5 **322**



Recessed screen continuous line Akri 1xT5 **322**



Recessed screen continuous line Enerfi 2xT5 **330**



Asymmetrical p. recessed Enerfi **334**



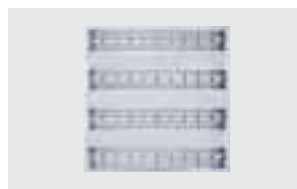
Asym. continuous line rec. Enerfi **335**



Surface Enerfi 2xT5 **336**



Surface Enerfi 3xT5 **338**



Surface Enerfi 4xT5 **340**



Kra T5 371



Waterproof screen Berna T5 379



Industrial strip T5 383



Libu 369



Futur 1 lamp 372
Futur 2 lamps

Fluorescence T5 + Halog/LED



Esselte 4/7 LEDx7,2w 360
Esselte 4/7 LED RGB



Esselte T5 + 2 LEDx7,2w 361
Esselte T5 + 2 LED RGB
Esselte T5 + 4 LEDx7,2w 363
Esselte T5 + 4 LED RGB



Esselte 2xT5 + 3 LEDx7,2w 362
Esselte 2xT5 + 3 LED RGB
Esselte 2xT5 + 6 LEDx7,2w 364
Esselte 2xT5 + 6 LED RGB



Esselte 2xT5 + 3 LEDx7,2w 365
Esselte 2xT5 + 3 LED RGB



Esselte 2xT5 366
Esselte 3xT5

Fluorescence PLL



Virtus Armstrong view profile PL-L 346



Screen surface Virtus PL-L 348



Recessed indirect polyvalent Virtus 350



Surface indirect Virtus PL-L 351



Recessed polyvalent reflected Virtus 352



Surface reflected Virtus PL-L 353

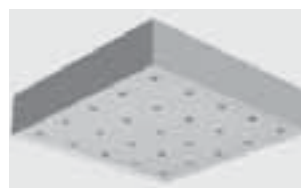


Recessed indirect-direct Virtus 354



Surface indirect-direct Virtus PL-L 355

Screen LED



Surface screen 60x60 356



Recessed screen LED 357



Rutro 359







APPLICATIONS FOR FLUORESCENT LAMPS

Reproduction chromatic index (IRC or Ra).

We use a scale from 0 to 100 to measure how a luminous source can reproduce the aspect of colours towards a "pattern luminous source".

We measure the difference between the colour coming from our luminous source and the real light it would had under normalized light of such a "pattern luminous source".

Colour temperature (Tc)

It is the temperature (Kelvin degrees) reached by a black object when heating up to give out the same light as our luminous source.

There is a normalized chart for colours or wavelengths emitted by a black object or "perfect radiator", according to Kelvin degrees.

Colour temperature indicates the seeming light of a luminous source, there are 3 major groups:

Warm (yellow light): From 2700°K to 3500°K (around)

Neutral: From 3500°K to 4000°K (around)

Cold (White light): From 4000°K to 6000°K (around)

Colour temperature must match lighting levels to create a natural and nice feeling. Such effect can be checked through a diagram called: "Kruithof chart".

- Ref. **83** 830 / 3000K° Lamp
- Ref. **84** 840 / 4000K° Lamp
- Ref. **86** 865 / 6500K° Lamp



Diffusers

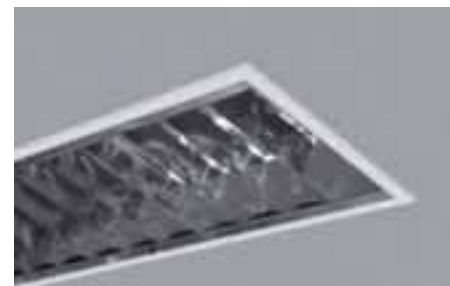
- Ref. **B** parab. brightness aluminium "v" diffuser
- Ref. **A** Parabolic white-lacquered "v" diffuser
- Ref. **Z** Low brightness diffuser (double parabolic)
- Ref. **P** Prismatic diffuser
- Ref. **Q** Opal diffuser
- Ref. **P44** Prismatic diffuser IP44
- Ref. **Q44** Opal diffuser IP44
- Ref. **P65** Prismatic sealed diffuser IP65
- Ref. **Q65** Sealed opal diffuser IP65



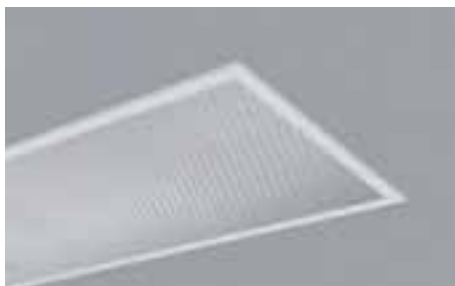
Ref. B



Ref. A



Ref. Z



Ref. P/P44/P65



Ref. Q/Q44/Q65

EQUIPMENT OPTIONS

Ref. G Control Gear

Strong Ballast, long lasting and economic, guarantees the efficiency of lamps.

Ref. AF Control Gear and condensa High Factor capacitor.

Strong Ballast, long lasting and economic, guarantees the efficiency of lamps which together with a capacitor allows to correct the power factor.

Ref. BE Electronic Dimmable Ballast 1-10v.

The use of this ballast means an energetic save of 25% compared with the conventional control gear, which increases the endurance of lamps up to a 50%, which is especially important when there is a lot of on and off switching everyday. It corrects the flow of power and the blinking when functioning with high frequencies. As a result of the low consumption, we reduce the CO2 emission into the atmosphere.

Ref. BR Electronic Dimmable Ballast 1-10v.

With the same characteristics than the Electronic Ballast with preheating, also allows analogic dimming that lets the user to control the intensity of light from 1% to 100% with the dimmer into the switch.

Ref. TD Electronic Dimmable Ballast Touch and Dim/DALI.

With the same characteristics than the Electronic Ballast with preheating, also allows dimming with a switch, which lets the adjustment of light as wished. One push to switch on and off, and keep pushed to dimm. Compatible with DALI protocol.

Ref. CF Lighting Flow Control.

With the same characteristics than the Electronic Ballast with preheating, it is a device which includes a sensor of the lighting needed depending on the surrounding natural light. Its aim is to save energy, compensating the excessive light caused by overdimensioned lighting structure.

This device is attached to the lamp with a simple clip, and is connected to the electronic dimmable ballast 1-10V (ref. BR). Wherever such ballast is connected it will be named as "master", and depending on the amount of light received by the sensor in the master ballast, it can be dimmed up to 20 "slave" ballasts in ltn. (These should also be Electronic dimmable ballast 1 – 10 V). This sensor also has a rotating diaphragm, that allows to adjust manually the light intensity.

Ref. FP Lighting Flow and Presence Control.

With the same characteristics than the Electronic Ballast with preheating, it is a device based on a multiple sensor (natural light level, movement and IR receiver), and a control which turns sensor information into a digital signal. The Touch & Dali ballast connected to this system will become the "master" ballast. This system can control a maximum of 8 "slave" ballasts (which also have to be electronic dimmable Touch & Dali ballast).

Lamps luminous intensity is regulated according to the amount of natural light and the physical presence, without any type of programming. This system allows adapting automatically delays so that it gradually reduces intensity as it detected empty areas, while keeping a comfortable distribution without shadow. It reaches energy savings of 75%. It also allows varying programming by changing pre-programmed light level with a button in the sensor device adapted to the needs of the installation. It is not necessary to use switches with cables and so, it considerably reduces installation costs. at the same time it increases flexibility in case of changes in distribution and lighting rooms.



Lighting control system



Lighting sensor control system

Technical data	Lighting control system	Lighting sensor control system
	Ref. CF	Ref. FP
Control system according to sunlight	YES	YES
Movement sensor	NO	YES
IR remote control	NO	YES
Switching	NO	YES
Maximum number of slave units	20	8
Type of ballast	BR	TD
Maximum height of set-up	4 m	3.5 m

Ref. KE Emergency kit .

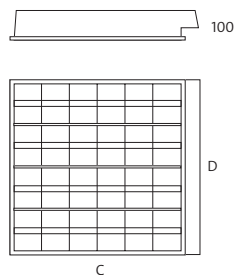
In case of power cut, the emergency kit system allows an easy and safe evacuation of users outside. The system has an internal storage battery in constant charge which allows to supply 30% of its power during a maximum of 3 hours.



Recessed polyvalent Virtus. T8 lamp

Protection degree IP20 / IP44 / IP65

- Material:** Body in thermo painted steel sheet.
- Optics:** Aluminium diffusers with parabolic stripe "v" (Ref. B) aluminium white-lacquered (Ref. A) and low brightness (double parabolic) (Ref. Z). Opal polycarbonate diffusers (Ref. Q) or with prismatic surface (Ref. P). Polycarbonate opal diffusers with IP44 (Ref. Q44) or IP65 (Ref. Q65) or prismatic surface with IP44 (Ref. P44) or IP65 (Ref. P65).
- Supply:** Control gear included in each model. We can supply as an option with high factor equipments (Ref. AF), electronic ballast (Ref. BE), dimmable ballast 1-10v (Ref. BR), dimmable ballast Touch & Dim (Ref. TD), lighting control system (Ref. CF), lighting sensor control system (Ref. FP) and emergency kit (Ref. KE).
- Lamps:** Fluorescent T8 tubes, supplied with 840 lamps (colour temperature: 4000°k); we can also supply with 830/865 lamps (colour temperature: 3000°k and 6500°k).
- Installation:** Recessed for ceilings that may be disassembled (sides of the fittings can be visible or hidden), ceilings made with smooth plaster or metallic ceilings.
- Accessories:** We advise you to use a flow recuperator, for a better luminous efficiency when using opal or prismatic optical glass (Ref. 1213). When sides of the fittings are not visible, are fixed on metallic ceilings or on smooth plaster, you have to use the clutchers set (Ref. 1214). It is also supplied with a SCB safety cable for recessed screens (Ref. 1215).
- Colours:** Supplied in white, as an option, in chrome matt (Ref. 52) and titanium (Ref. 90).



watts	C	D	
1x18	197	597	175x575
1x36	197	1197	175x1175
1x58	197	1497	175x1475
2x18	297	597	275x575
2x36	297	1197	275x1175
2x58	297	1497	275x1475
3x18	597	597	575x575
3x36	597	1197	575x1175
4x18	597	597	575x575
4x36	597	1197	575x1175



Includes parab. brightness aluminium "v" diffuser, lamps 84 and clutchers.

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
906B 118 84	1x18W	197 x 597	175 x 575	52.92	0.65	0.30
906B 136 84	1x36W	197 x 1197	175 x 1175	62.55	0.65	0.30
906B 158 84	1x58W	197 x 1497	175 x 1475	72.29	0.65	0.30
906B 218 84	2x18W	297 x 597	275 x 575	59.98	0.65	0.60
906B 236 84	2x36W	297 x 1197	275 x 1175	74.33	0.65	0.60
906B 258 84	2x58W	297 x 1497	275 x 1475	94.48	0.65	0.60
906B 318 84	3x18W	597 x 597	575 x 575	66.83	0.65	0.90
906B 336 84	3x36W	597 x 1197	575 x 1175	123.63	0.65	0.90
906B 418 84	4x18W	597 x 597	575 x 575	80.48	0.65	1.20
906B 436 84	4x36W	597 x 1197	575 x 1175	128.58	0.65	1.20

Includes parabolic "v" white lacquered diffuser, lamps 84 and clutchers.

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
906A 118 84	1x18W	197 x 597	175 x 575	54.00	0.65	0.30
906A 136 84	1x36W	197 x 1197	175 x 1175	64.82	0.65	0.30
906A 158 84	1x58W	197 x 1497	175 x 1475	73.73	0.65	0.30
906A 218 84	2x18W	297 x 597	275 x 575	62.12	0.65	0.60
906A 236 84	2x36W	297 x 1197	275 x 1175	76.77	0.65	0.60
906A 258 84	2x58W	297 x 1497	275 x 1475	97.30	0.65	0.60
906A 318 84	3x18W	597 x 597	575 x 575	69.15	0.65	0.90
906A 336 84	3x36W	597 x 1197	575 x 1175	128.06	0.65	0.90
906A 418 84	4x18W	597 x 597	575 x 575	81.71	0.65	1.20
906A 436 84	4x36W	597 x 1197	575 x 1175	135.06	0.65	1.20

Includes low brightness diffuser (double parabolic), lamps 84 and clutchers.

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
906Z 118 84	1x18W	197 x 597	175 x 575	74.81	0.65	0.30
906Z 136 84	1x36W	197 x 1197	175 x 1175	87.68	0.65	0.30
906Z 158 84	1x58W	197 x 1497	175 x 1475	102.31	0.65	0.30
906Z 218 84	2x18W	297 x 597	275 x 575	83.26	0.65	0.60
906Z 236 84	2x36W	297 x 1197	275 x 1175	104.78	0.65	0.60
906Z 258 84	2x58W	297 x 1497	275 x 1475	132.29	0.65	0.60
906Z 318 84	3x18W	597 x 597	575 x 575	94.07	0.65	0.90
906Z 336 84	3x36W	597 x 1197	575 x 1175	176.68	0.65	0.90
906Z 418 84	4x18W	597 x 597	575 x 575	112.72	0.65	1.20
906Z 436 84	4x36W	597 x 1197	575 x 1175	177.19	0.65	1.20

Recessed polyvalent Virtus. T8 lamp

OPTIONS

IRC / Colour temperature

Ref. 83	830 Lamp	3000°K
Ref. 86	860 Lamp	6500°K

Rough price increase of the finished frame

		€
Ref. 52	Lacquered screen CHROME MATT	18.00
Ref. 90	Lacquered screen TITANIUM	18.00

Rough increase of the control gear

		€	1x18/36/58w	2x18/36/58w	3/4x18/36w	3/4x58w
Ref. AF	High factor	2.90	€	€	€	€
Ref. BE	Electronic ballast		19.90	28.00	24.00	55.00
Ref. BR	Dimmable ballast 1-10v		68.00	80.00	90.00	150.00
Ref. TD	Dimmable ballast Touch and Dim		69.60	85.00	93.00	152.00
Ref. CF	Lighting control system "master"		120.00	130.00	136.00	196.00
Ref. FP	Lighting sensor control system "master"		219.00	235.00	243.00	302.00
Ref. KE	Emergency kit	110.00				

Rough increase of accessories

		€
Ref. 1213	Flow recuperator	12.50
Ref. 1215	SCB safety cable	5.34
Ref. 1214	4 clutches set	2.30
Ref. WL	Wieland connector	16.30

T8 LED LAMP OPTION

Osram Golden Dragon Plus Components

<i>Rough increase of the LED</i>	N° leds	Watts	Replaceable by:	Temp. Colour	€ (per lamp)
Ref. 3162 09	8 leds	9w	18w	5400°K	87,50
Ref. 3162 15	13 leds	15w	36w	5400°K	122,30
Ref. 3162 20	17 leds	20w	58w	5400°K	160,90

Driver suitable to type of lamp and wattage included in each model.

T8 leds lamps are not compatible with lighting control DALI system (ACTILUME Accept an emergency kit).

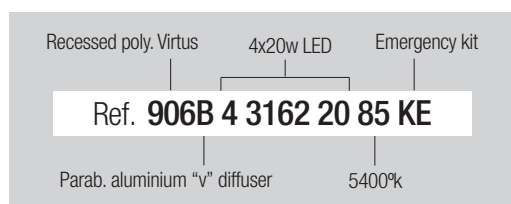


OPTIONS T8 LED

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K

Example to write a reference with LEDS options



Accessories



Ref. **1215**
SCB safety cable for screen.
Standard version 1 metre length.
Made-to-measure possibility.

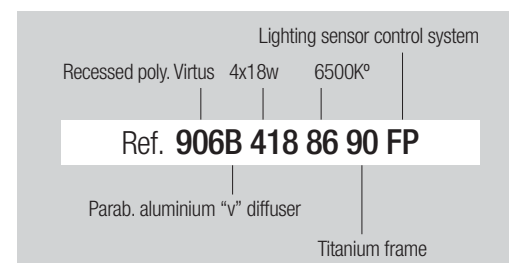


Ref. **1214**
4 clutches set.



Ref. **1213**
Flow recuperator.

Example to write a reference with options



Recessed polyvalent Virtus. T8 lamp

Includes prismatic diffuser, lamps 84 and clutches.

Ref.	Watts	Measures	Ceiling module	€	RAEE	
					lum.	lamp
906P 118 84	1x18W	197 x 597	175 x 575	70.84	0.65	0.30
906P 136 84	1x36W	197 x 1197	175 x 1175	97.88	0.65	0.30
906P 158 84	1x58W	197 x 1497	175 x 1475	107.82	0.65	0.30
906P 218 84	2x18W	297 x 597	275 x 575	78.93	0.65	0.60
906P 236 84	2x36W	297 x 1197	275 x 1175	111.27	0.65	0.60
906P 258 84	2x58W	297 x 1497	275 x 1475	128.99	0.65	0.60
906P 318 84	3x18W	597 x 597	575 x 575	100.35	0.65	0.90
906P 336 84	3x36W	597 x 1197	575 x 1175	186.67	0.65	0.90
906P 418 84	4x18W	597 x 597	575 x 575	105.63	0.65	1.20
906P 436 84	4x36W	597 x 1197	575 x 1175	128.94	0.65	1.20

Includes opal diffuser, lamps 84 and clutches.

Ref.	Watts	Measures	Ceiling module	€	RAEE	
					lum.	lamp
906Q 118 84	1x18W	197 x 597	175 x 575	71.10	0.65	0.30
906Q 136 84	1x36W	197 x 1197	175 x 1175	97.94	0.65	0.30
906Q 158 84	1x58W	197 x 1497	175 x 1475	107.87	0.65	0.30
906Q 218 84	2x18W	297 x 597	275 x 575	78.98	0.65	0.60
906Q 236 84	2x36W	297 x 1197	275 x 1175	111.33	0.65	0.60
906Q 258 84	2x58W	297 x 1497	275 x 1475	129.35	0.65	0.60
906Q 318 84	3x18W	597 x 597	575 x 575	100.40	0.65	0.90
906Q 336 84	3x36W	597 x 1197	575 x 1175	187.77	0.65	0.90
906Q 418 84	4x18W	597 x 597	575 x 575	105.71	0.65	1.20
906Q 436 84	4x36W	597 x 1197	575 x 1175	128.89	0.65	1.20

Includes prismatic diffuser IP44, lamps 84 and clutches.

Ref.	Watts	Measures	Ceiling module	€	RAEE	
					lum.	lamp
906P44 118 84	1x18W	197 x 597	175 x 575	93.76	0.65	0.30
906P44 136 84	1x36W	197 x 1197	175 x 1175	131.80	0.65	0.30
906P44 158 84	1x58W	197 x 1497	175 x 1475	148.10	0.65	0.30
906P44 218 84	2x18W	297 x 597	275 x 575	103.45	0.65	0.60
906P44 236 84	2x36W	297 x 1197	275 x 1175	148.97	0.65	0.60
906P44 258 84	2x58W	297 x 1497	275 x 1475	173.80	0.65	0.60
906P44 318 84	3x18W	597 x 597	575 x 575	130.23	0.65	0.90
906P44 336 84	3x36W	597 x 1197	575 x 1175	235.29	0.65	0.90
906P44 418 84	4x18W	597 x 597	575 x 575	136.61	0.65	1.20
906P44 436 84	4x36W	597 x 1197	575 x 1175	241.67	0.65	1.20

Includes opal diffuser IP44, lamps 84 and clutches.

Ref.	Watts	Measures	Ceiling module	€	RAEE	
					lum.	lamp
906Q44 118 84	1x18W	197 x 597	175 x 575	94.18	0.65	0.30
906Q44 136 84	1x36W	197 x 1197	175 x 1175	131.98	0.65	0.30
906Q44 158 84	1x58W	197 x 1497	175 x 1475	148.20	0.65	0.30
906Q44 218 84	2x18W	297 x 597	275 x 575	103.60	0.65	0.60
906Q44 236 84	2x36W	297 x 1197	275 x 1175	149.07	0.65	0.60
906Q44 258 84	2x58W	297 x 1497	275 x 1475	174.00	0.65	0.60
906Q44 318 84	3x18W	597 x 597	575 x 575	130.33	0.65	0.90
906Q44 336 84	3x36W	597 x 1197	575 x 1175	235.39	0.65	0.90
906Q44 418 84	4x18W	597 x 597	575 x 575	136.72	0.65	1.20
906Q44 436 84	4x36W	597 x 1197	575 x 1175	241.69	0.65	1.20

Includes prismatic sealed IP65 diffuser, lamps 84 and clutches.

Ref.	Watts	Measures	Ceiling module	€	RAEE	
					lum.	lamp
906P65 118 84	1x18W	197 x 597	175 x 575	129.20	0.65	0.30
906P65 136 84	1x36W	197 x 1197	175 x 1175	180.49	0.65	0.30
906P65 158 84	1x58W	197 x 1497	175 x 1475	201.86	0.65	0.30
906P65 218 84	2x18W	297 x 597	275 x 575	140.94	0.65	0.60
906P65 236 84	2x36W	297 x 1197	275 x 1175	224.99	0.65	0.60
906P65 258 84	2x58W	297 x 1497	275 x 1475	236.73	0.65	0.60
906P65 318 84	3x18W	597 x 597	575 x 575	178.02	0.65	0.90
906P65 336 84	3x36W	597 x 1197	575 x 1175	310.27	0.65	0.90
906P65 418 84	4x18W	597 x 597	575 x 575	187.08	0.65	1.20
906P65 436 84	4x36W	597 x 1197	575 x 1175	322.63	0.65	1.20

Includes opal sealed IP65 diffuser, lamps 84 and clutches.

Ref.	Watts	Measures	Ceiling module	€	RAEE	
					lum.	lamp
906Q65 118 84	1x18W	197 x 597	175 x 575	129.22	0.65	0.30
906Q65 136 84	1x36W	197 x 1197	175 x 1175	180.51	0.65	0.30
906Q65 158 84	1x58W	197 x 1497	175 x 1475	201.88	0.65	0.30
906Q65 218 84	2x18W	297 x 597	275 x 575	140.96	0.65	0.60
906Q65 236 84	2x36W	297 x 1197	275 x 1175	225.00	0.65	0.60
906Q65 258 84	2x58W	297 x 1497	275 x 1475	236.75	0.65	0.60
906Q65 318 84	3x18W	597 x 597	575 x 575	178.03	0.65	0.90
906Q65 336 84	3x36W	597 x 1197	575 x 1175	310.29	0.65	0.90
906Q65 418 84	4x18W	597 x 597	575 x 575	187.10	0.65	1.20
906Q65 436 84	4x36W	597 x 1197	575 x 1175	322.65	0.65	1.20



Recessed polyvalent Virtus. T8 lamp



OPTIONS

IRC / Colour temperature

Ref. 83	830 / 3000°K Lamp
Ref. 86	860 / 6500°K Lamp

Rough price increase of the finished frame		€
Ref. 52	Lacquered screen CHROME MATT	18.00
Ref. 90	Lacquered screen TITANIUM	18.00

Rough increase of the control gear		€	1x18/36/58w	2x18/36/58w	3/4 x18/36w	3/4x58w
Ref. AF	High factor	2.90	€	€	€	€
Ref. BE	Electronic ballast		19.90	28.00	24.00	55.00
Ref. BR	Dimmable ballast 1-10v		68.00	80.00	90.00	150.00
Ref. TD	Dimmable ballast Touch and Dim		69.60	85.00	93.00	152.00
Ref. CF	Lighting control system "master"		120.00	130.00	136.00	196.00
Ref. FP	Lighting sensor control system "master"		219.00	235.00	243.00	302.00
Ref. KE	Emergency kit	110.00				

Rough increase of accessories		€
Ref. 1213	Flow recuperator	12.50
Ref. 1215	SCB safety cable	5.34
Ref. 1214	4 clutches set	2.30
Ref. WL	Wieland connector	16.30

T8 LED LAMP OPTION

Osram Golden Dragon Plus Components

Rough increase of the LED	N° leds	Watts	Replaceable by:	Temp.Colour	€ (per lamp)
Ref. 3162 09	8 leds	9w	18w	5400°K	87,50
Ref. 3162 15	13 leds	15w	36w	5400°K	122,30
Ref. 3162 20	17 leds	20w	58w	5400°K	160,90

Driver suitable to type of lamp and wattage included in each model.
T8 leds lamps are not compatible with lighting control DALI system (ACTILUME Accept an emergency kit).

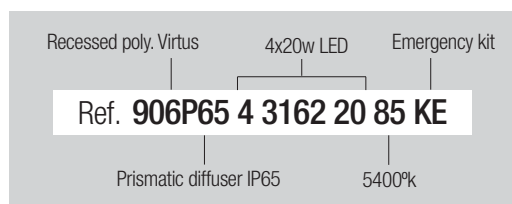


OPTIONS T8 LED

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K

Example to write a reference with LEDS options



Accessories



Ref. **1215**
SCB safety cable for screen.
Standard version 1 metre length.
Made-to-measure possibility.

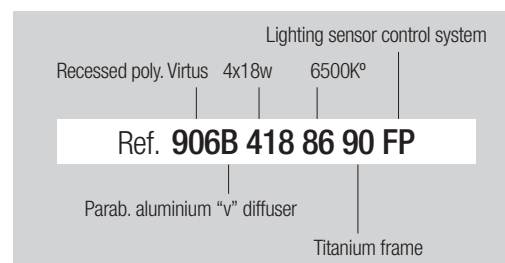


Ref. **1214**
4 clutches set.



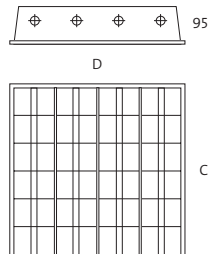
Ref. **1213**
Flow recuperator.

Example to write a reference with options



Virtus Armstrong view profile 24mm.
T8 lamp
Protection degree IP20

- Material:** Body in thermo painted steel sheet.
- Optics:** Aluminium diffusers with parabolic stripe "v" (Ref. B) aluminium white-lacquered (Ref. A) and low brightness (double parabolic) (Ref. Z). Opal polycarbonate difusers (Ref. Q) or with prismatic surface (Ref. P). Polycarbonate opal diffusers with IP44 (Ref. Q44) or IP65 (Ref. Q65) or prismatic surface with IP44 (Ref. P44) or IP65 (Ref. P65).
- Supply:** Control gear included in each model. We can supply as an option with high factor equipments (Ref. AF), electronic ballast (Ref. BE), dimmable ballast 1-10v (Ref. BR), dimmable ballast Touch & Dim (Ref. TD), lighting control system (Ref. CF), lighting sensor control system (Ref. FP) and emergency kit (Ref. KE).
- Lamps:** Fluorescent T8 tubes, supplied with 84 lamps (colour temperature: 4000°k); we can also supply with 830/865 lamps (colour temperature: 3000°k and 6500°k).
- Installation:** Directly screw on ceilings (screw not included) or hang up with a suspension kit (Ref. 1211).
- Accessories:** We advise you to use a flow recuperator, for a better luminous efficiency when using opal or prismatic optical glass (Ref. 1213).
- Colours:** Supplied in white, as an option, in chrome matt (Ref. 52) and titanium (Ref. 90).



watts	C	D	Ceiling module
2x18	297	637	300x600
2x36	297	1241	300x1200
3x18	597	637	600x600
3x36	597	1241	600x1200
4x18	597	637	600x600
4x36	597	1241	600x1200



Includes parab. brightness aluminium "v" diffuser, lamps 84.

Ref.	Watts	Measures	Ceiling module	€	lum.	RAEE lamp
906B 218AMS 84	2x18W	297 x 637	300 x 600	47.58	0.65	0.60
906B 236AMS 84	2x36W	297 x 1241	1200 x 300	67.46	0.65	0.60
906B 318AMS 84	3x18W	597 x 637	600 x 600	56.13	0.65	0.90
906B 336AMS 84	3x36W	597 x 1241	1200 x 600	111.75	0.65	0.90
906B 418AMS 84	4x18W	597 x 637	600 x 600	68.39	0.65	1.20
906B 436AMS 84	4x36W	597 x 1241	1200 x 600	122.46	0.65	1.20

Includes parabolic "v" white lacquered diffuser , lamps 84.

Ref.	Watts	Measures	Ceiling module	€	lum.	RAEE lamp
906A 218AMS 84	2x18W	297 x 637	300 x 600	48.61	0.65	0.60
906A 236AMS 84	2x36W	297 x 1241	1200 x 300	68.70	0.65	0.60
906A 318AMS 84	3x18W	597 x 637	600 x 600	56.28	0.65	0.90
906A 336AMS 84	3x36W	597 x 1241	1200 x 600	112.16	0.65	0.90
906A 418AMS 84	4x18W	597 x 637	600 x 600	68.55	0.65	1.20
906A 436AMS 84	4x36W	597 x 1241	1200 x 600	122.77	0.65	1.20

Includes prismatic diffuser, lamps 84.

Ref.	Watts	Measures	Ceiling module	€	lum.	RAEE lamp
906P 218AMS 84	2x18W	297 x 637	300 x 600	53.35	0.65	0.60
906P 236AMS 84	2x36W	297 x 1241	1200 x 300	77.15	0.65	0.60
906P 318AMS 84	3x18W	597 x 637	600 x 600	63.70	0.65	0.90
906P 336AMS 84	3x36W	597 x 1241	1200 x 600	126.79	0.65	0.90
906P 418AMS 84	4x18W	597 x 637	600 x 600	76.22	0.65	1.20
906P 436AMS 84	4x36W	597 x 1241	1200 x 600	136.60	0.65	1.20

Includes low brightness diffuser (double parabolic), lamps 84.

Ref.	Watts	Measures	Ceiling module	€	lum.	RAEE lamp
906Z 218AMS 84	2x18W	297 x 637	300 x 600	66.74	0.65	0.60
906Z 236AMS 84	2x36W	297 x 1241	1200 x 300	96.61	0.65	0.60
906Z 318AMS 84	3x18W	597 x 637	600 x 600	79.92	0.65	0.90
906Z 336AMS 84	3x36W	597 x 1241	1200 x 600	159.13	0.65	0.90
906Z 418AMS 84	4x18W	597 x 637	600 x 600	96.40	0.65	1.20
906Z 436AMS 84	4x36W	597 x 1241	1200 x 600	174.99	0.65	1.20

Includes opal diffuser, lamps 84.

Ref.	Watts	Measures	Ceiling module	€	lum.	RAEE lamp
906Q 218AMS 84	2x18W	297 x 637	300 x 600	53.37	0.65	0.60
906Q 236AMS 84	2x36W	297 x 1241	1200 x 300	77.16	0.65	0.60
906Q 318AMS 84	3x18W	597 x 637	600 x 600	63.75	0.65	0.90
906Q 336AMS 84	3x36W	597 x 1241	1200 x 600	126.81	0.65	0.90
906Q 418AMS 84	4x18W	597 x 637	600 x 600	76.24	0.65	1.20
906Q 436AMS 84	4x36W	597 x 1241	1200 x 600	136.62	0.65	1.20

Virtus Armstrong view profile. T8 lamp

OPTIONS

IRC / Colour temperature

Ref. 83	830 Lamp	3000°K
Ref. 86	860 Lamp	6500°K

Rough price increase of the finished frame

Ref. 52	Lacquered screen CHROME MATT	€ 18.00
Ref. 90	Lacquered screen TITANIUM	€ 18.00

Rough increase of the control gear

Ref. AF	High factor	€ 2.90	€	€	€
Ref. BE	Electronic ballast		28.00	24.00	55.00
Ref. BR	Dimmable ballast 1-10v		80.00	90.00	150.00
Ref. TD	Dimmable ballast Touch and Dim		85.00	93.00	152.00
Ref. CF	Lighting control system "master"		130.00	136.00	196.00
Ref. FP	Lighting sensor control system "master"		235.00	243.00	302.00
Ref. KE	Emergency kit	€ 110.00			

Rough increase of accessories

Ref. 1213	Flow recuperator	€ 25.00	€ 35.00	€ 52.00
Ref. 1212	Frame suited to ceilings of 15mm	€ 6.00	€ 10.00	€ 14.00
Ref. 1215	SCB safety cable	€ 5.34		
Ref. WL	Wieland connector	€ 16.30		

T8 LED LAMP OPTION

Osram Golden Dragon Plus Components

Rough increase of the LED	N° leds	Watts	Replaceable by:	Temp.Colour	€ (per lamp)
Ref. 3162 09	8 leds	9w	18w	5400°K	87,50
Ref. 3162 15	13 leds	15w	36w	5400°K	122,30
Ref. 3162 20	17 leds	20w	58w	5400°K	160,90

Driver suitable to type of lamp and wattage included in each model.

T8 leds lamps are not compatible with lighting control DALI system (ACTILUME Accept an emergency kit.

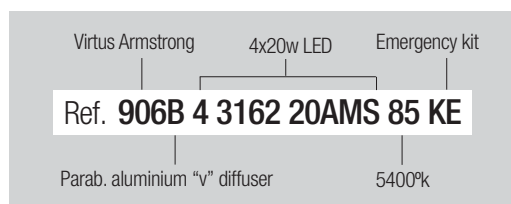


OPTIONS T8 LED

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K

Example to write a reference with LEDS options



Accessories



Ref. 1215
SCB safety cable for screen.
Standard version 1 metre length.
Made-to-measure possibility.

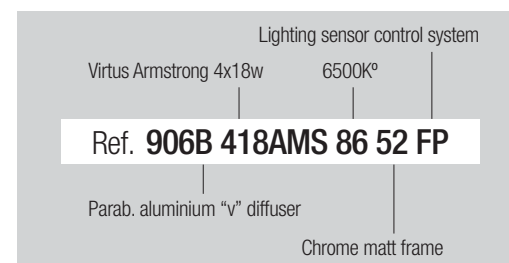


Ref. 1212
Frame suited to ceilings of 15mm.



Ref. 1213
Flow recuperator.

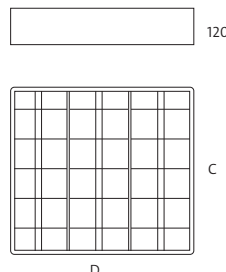
Example to write a reference with options



Screen surface Virtus. T8 lamp

Protection degree IP20 / IP44 / IP65

- Material:** Body in thermo painted steel sheet.
- Optics:** Aluminium diffusers with parabolic stripe "v" (Ref. B) aluminium white-lacquered (Ref. A) and low brightness (double parabolic) (Ref. Z). Opal polycarbonate difusers (Ref. Q) or with prismatic surface (Ref. P). Polycarbonate opal diffusers with IP44 (Ref. Q44) or IP65 (Ref. Q65) or prismatic surface with IP44 (Ref. P44) or IP65 (Ref. P65).
- Supply:** Control gear included in each model. We can supply as an option with high factor equipments (Ref. AF), electronic ballast (Ref. BE), dimmable ballast 1-10v (Ref. BR), dimmable ballast Touch & Dim (Ref. TD), lighting control system (Ref. CF), lighting sensor control system (Ref. FP) and emergency kit (Ref. KE).
- Lamps:** Fluorescent T8 tubes, supplied with 840 lamps (colour temperature: 4000°k); we can also supply with 830/865 lamps (colour temperature: 3000°k and 6500°k).
- Installation:** Directly screw on ceilings (screw not included) or hang up with a suspension kit (Ref. 1211).
- Accessories:** We advise you to use a flow recuperator, for a better luminous efficiency when using opal or prismatic optical glass (Ref. 1213).
- Colours:** Supplied in white, as an option, in chrome matt (Ref. 52) and titanium (Ref. 90).



	watts	C	D
	1x18	170	635
	1x36	170	1230
	1x58	170	1530
	2x18	260	635
	2x36	260	1230
	2x58	260	1530
	3x18	575	635
	3x36	575	1230
	4x18	575	635
	4x36	575	1230

Includes parab. brightness aluminium "v" diffuser and lamps 84

Ref.	Watts	Measures	€	RAEE lum. lamp	
1305B 118 84	1x18W	170 x 635	70.76	0.65	0.30
1305B 136 84	1x36W	170 x 1230	85.07	0.65	0.30
1305B 158 84	1x58W	170 x 1530	97.39	0.65	0.30
1305B 218 84	2x18W	260 x 635	66.14	0.65	0.60
1305B 236 84	2x36W	260 x 1230	79.93	0.65	0.60
1305B 258 84	2x58W	260 x 1530	104.34	0.65	0.60
1305B 318 84	3x18W	575 x 635	84.77	0.65	0.90
1305B 336 84	3x36W	575 x 1230	136.68	0.65	0.90
1305B 418 84	4x18W	575 x 635	92.82	0.65	1.20
1305B 436 84	4x36W	575 x 1230	147.65	0.65	1.20

Includes parabolic "v" white lacquered diffuser , lamps 84

Ref.	Watts	Measures	€	RAEE lum. lamp	
1305A 118 84	1x18W	170 x 635	71.17	0.65	0.30
1305A 136 84	1x36W	170 x 1230	85.80	0.65	0.30
1305A 158 84	1x58W	170 x 1530	98.31	0.65	0.30
1305A 218 84	2x18W	260 x 635	67.36	0.65	0.60
1305A 236 84	2x36W	260 x 1230	80.44	0.65	0.60
1305A 258 84	2x58W	260 x 1530	105.32	0.65	0.60
1305A 318 84	3x18W	575 x 635	86.42	0.65	0.90
1305A 336 84	3x36W	575 x 1230	137.30	0.65	0.90
1305A 418 84	4x18W	575 x 635	94.55	0.65	1.20
1305A 436 84	4x36W	575 x 1230	148.42	0.65	1.20

Includes low brightness diffuser (double parabolic) and lamps 840

Ref.	Watts	Measures	€	RAEE lum. lamp	
1305Z 118 84	1x18W	170 x 635	93.68	0.65	0.30
1305Z 136 84	1x36W	170 x 1230	111.45	0.65	0.30
1305Z 158 84	1x58W	170 x 1530	126.79	0.65	0.30
1305Z 218 84	2x18W	260 x 635	85.18	0.65	0.60
1305Z 236 84	2x36W	260 x 1230	105.16	0.65	0.60
1305Z 258 84	2x58W	260 x 1530	135.55	0.65	0.60
1305Z 318 84	3x18W	575 x 635	109.80	0.65	0.90
1305Z 336 84	3x36W	575 x 1230	178.50	0.65	0.90
1305Z 418 84	4x18W	575 x 635	119.89	0.65	1.20
1305Z 436 84	4x36W	575 x 1230	192.20	0.65	1.20

T8 LED LAMP OPTION

Osram Golden Dragon Plus Components

Rough increase of the LED	N° leds	Watts	Replaceable by:	Temp.Colour	€ (per lamp)
Ref. 3162 09	8 leds	9w	18w	5400°K	87,50
Ref. 3162 15	13 leds	15w	36w	5400°K	122,30
Ref. 3162 20	17 leds	20w	58w	5400°K	160,90

Driver suitable to type of lamp and wattage included in each model.
T8 leds lamps are not compatible with lighting control DALI system (ACTILUME Accept an emergency kit).



OPTIONS T8 LED

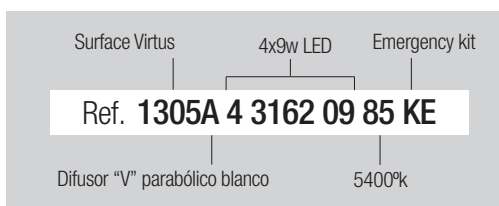
IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K



Opal diffuser o prismático

Example to write a reference with LEDS options



Screen surface Virtus. T8 lamp

Includes prismatic diffuser and lamps 84

Ref.	Watts	Measures	€	RAEE	
				lum.	lamp
1305P 118 84	1x18W	170 x 635	90.85	0.65	0.30
1305P 136 84	1x36W	170 x 1230	120.92	0.65	0.30
1305P 158 84	1x58W	170 x 1530	130.35	0.65	0.30
1305P 218 84	2x18W	260 x 635	84.36	0.65	0.60
1305P 236 84	2x36W	260 x 1230	128.96	0.65	0.60
1305P 258 84	2x58W	260 x 1530	173.35	0.65	0.60
1305P 318 84	3x18W	575 x 635	121.54	0.65	0.90
1305P 336 84	3x36W	575 x 1230	205.58	0.65	0.90
1305P 418 84	4x18W	575 x 635	126.79	0.65	1.20
1305P 436 84	4x36W	575 x 1230	215.37	0.65	1.20

Includes opal diffuser and lamps 84

Ref.	Watts	Measures	€	RAEE	
				lum.	lamp
1305Q 118 84	1x18W	170 x 635	91.98	0.65	0.30
1305Q 136 84	1x36W	170 x 1230	122.05	0.65	0.30
1305Q 158 84	1x58W	170 x 1530	131.48	0.65	0.30
1305Q 218 84	2x18W	260 x 635	85.41	0.65	0.60
1305Q 236 84	2x36W	260 x 1230	130.08	0.65	0.60
1305Q 258 84	2x58W	260 x 1530	174.48	0.65	0.60
1305Q 318 84	3x18W	575 x 635	122.67	0.65	0.90
1305Q 336 84	3x36W	575 x 1230	206.50	0.65	0.90
1305Q 418 84	4x18W	575 x 635	127.93	0.65	1.20
1305Q 436 84	4x36W	575 x 1230	216.51	0.65	1.20

Includes prismatic diffuser IP44 and lamps 84

Ref.	Watts	Measures	€	RAEE	
				lum.	lamp
1305P44 118 84	1x18W	170 x 635	111.96	0.65	0.30
1305P44 136 84	1x36W	170 x 1230	154.19	0.65	0.30
1305P44 158 84	1x58W	170 x 1530	174.33	0.65	0.30
1305P44 218 84	2x18W	260 x 635	106.81	0.65	0.60
1305P44 236 84	2x36W	260 x 1230	165.21	0.65	0.60
1305P44 258 84	2x58W	260 x 1530	216.09	0.65	0.60
1305P44 318 84	3x18W	575 x 635	152.14	0.65	0.90
1305P44 336 84	3x36W	575 x 1230	252.14	0.65	0.90
1305P44 418 84	4x18W	575 x 635	158.31	0.65	1.20
1305P44 436 84	4x36W	575 x 1230	262.03	0.65	1.20

Includes opal diffuser IP44 ,and lamps 84

Ref.	Watts	Measures	€	RAEE	
				lum.	lamp
1305Q44 118 84	1x18W	170 x 635	112.04	0.65	0.30
1305Q44 136 84	1x36W	170 x 1230	154.21	0.65	0.30
1305Q44 158 84	1x58W	170 x 1530	174.37	0.65	0.30
1305Q44 218 84	2x18W	260 x 635	106.83	0.65	0.60
1305Q44 236 84	2x36W	260 x 1230	165.23	0.65	0.60
1305Q44 258 84	2x58W	260 x 1530	216.14	0.65	0.60
1305Q44 318 84	3x18W	575 x 635	152.23	0.65	0.90
1305Q44 336 84	3x36W	575 x 1230	252.17	0.65	0.90
1305Q44 418 84	4x18W	575 x 635	158.33	0.65	1.20
1305Q44 436 84	4x36W	575 x 1230	262.05	0.65	1.20

Includes prismatic sealed IP65 diffuser and lamps 84

Ref.	Watts	Measures	€	RAEE	
				lum.	lamp
1305P65 118 84	1x18W	170 x 635	147.08	0.65	0.30
1305P65 136 84	1x36W	170 x 1230	202.70	0.65	0.30
1305P65 158 84	1x58W	170 x 1530	228.40	0.65	0.30
1305P65 218 84	2x18W	260 x 635	144.30	0.65	0.60
1305P65 236 84	2x36W	260 x 1230	241.23	0.65	0.60
1305P65 258 84	2x58W	260 x 1530	279.02	0.65	0.60
1305P65 318 84	3x18W	575 x 635	199.92	0.65	0.90
1305P65 336 84	3x36W	575 x 1230	327.13	0.65	0.90
1305P65 418 84	4x18W	575 x 635	207.14	0.65	1.20
1305P65 436 84	4x36W	575 x 1230	342.99	0.65	1.20

Includes opal sealed IP65 diffuser and lamps 84

Ref.	Watts	Measures	€	RAEE	
				lum.	lamp
1305Q65 118 84	1x18W	170 x 635	147.19	0.65	0.30
1305Q65 136 84	1x36W	170 x 1230	202.81	0.65	0.30
1305Q65 158 84	1x58W	170 x 1530	228.51	0.65	0.30
1305Q65 218 84	2x18W	260 x 635	144.41	0.65	0.60
1305Q65 236 84	2x36W	260 x 1230	241.25	0.65	0.60
1305Q65 258 84	2x58W	260 x 1530	279.05	0.65	0.60
1305Q65 318 84	3x18W	575 x 635	199.94	0.65	0.90
1305Q65 336 84	3x36W	575 x 1230	327.15	0.65	0.90
1305Q65 418 84	4x18W	575 x 635	207.15	0.65	1.20
1305Q65 436 84	4x36W	575 x 1230	343.10	0.65	1.20

OPTIONS

IRC / Colour temperature

Ref. 83	830 / 3000°K Lamp
Ref. 86	860 / 6500°K Lamp

Rough price increase of the finished frame

Ref.	Description	€
Ref. 52	Lacquered screen CHROME MATT	18.00
Ref. 90	Lacquered screen TITANIUM	18.00

Rough increase of the control gear

Ref.	Description	€	1x18/36/58w	2x18/36/58w	3/4x18w	3/4x36/58w
Ref. AF	High factor	2.90	€	€	€	€
Ref. BE	Electronic ballast	19.90	28.00	24.00	55.00	
Ref. BR	Dimmable ballast 1-10v	68.00	80.00	90.00	150.00	
Ref. TD	Dimmable ballast Touch and Dim	69.60	85.00	93.00	152.00	
Ref. CF	Lighting control system "master"	120.00	130.00	136.00	196.00	
Ref. FP	Lighting sensor control system "master"	219.00	235.00	243.00	302.00	
Ref. KE	Emergency kit	110.00				

Rough increase of accessories

Ref.	Description	€	12.50	25.00	35.00	52.00
Ref. 1213	Flow recuperator	12.50	25.00	35.00	52.00	
Ref. 1211	Suspension kit	26.80				
Ref. WL	Wieland connector	16.30				

Accessories



Ref. 1211
Suspension kit. Standard version
1 metre length. Made-to-measure
possibility.



Ref. 1213
Flow recuperator.

Example to write a reference with options

Dimmable ballast Touch and Dim

Surface Virtus 4x36w 3000K°

Ref. 1305P65 436 83 TD

Prismatic diffuser IP65

White colour





APPLICATIONS FOR FLUORESCENT LAMPS

Chromatic Reproduction Index (IRC or Ra).

We use a scale from 0 to 100 to measure how a luminous source can reproduce the aspect of colours towards a "pattern luminous source".

We measure the difference between the colour coming from our luminous source and the real light it would had under normalized light of such a "pattern luminous source".

Colour temperature (Tc)

It is the temperature (Kelvin degrees) reached by a black object when heating up to give out the same light as our luminous source.

There is a normalized chart for colours or wavelengths emitted by a black object or "perfect radiator", according to Kelvin degrees.

Colour temperature indicates the seeming light of a luminous source, there are 3 major groups:

Warm (yellow light): From 2700°K to 3500°K (around)

Neutral: From 3500°K to 4000°K (around)

Cold (White light): From 4000°K to 6000°K (around)

Colour temperature must match lighting levels to create a natural and nice feeling. Such effect can be checked through a diagram called: "Kruithof chart".

Ref. **83** 830 / 3000K° Lamp

Ref. **84** 840 / 4000K° Lamp

Ref. **86** 865 / 6500K° Lamp

**Difusores**

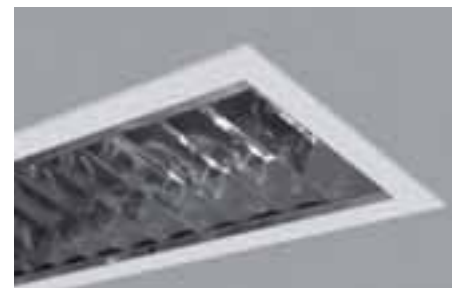
- Ref. **B** parab. brightness aluminium "v" diffuser
- Ref. **P** Prismatic diffuser
- Ref. **Z** Low brightness diffuser (double parabolic)
- Ref. **Q** Opal diffuser
- Ref. **P44** Prismatic diffuser IP44
- Ref. **Q44** Opal diffuser IP44
- Ref. **P65** Prismatic sealed diffuser IP65
- Ref. **Q65** Sealed opal diffuser IP65
- Ref. **M** Micro-punch diffuser



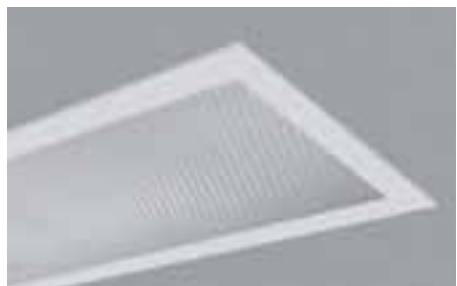
Ref. B



Ref. A



Ref. Z



Ref. P/P44/P65



Ref. Q/Q44/Q65

EQUIPMENT OPTIONS

Ref. BE Electronic Ballast with preheating.

The use of this ballast means an energetic save of 25% compared with the conventional control gear, which increases the endurance of lamps up to a 50%, which is especially important when there is a lot of on and off switching everyday. It corrects the flow of power and the blinking when functioning with high frequencies. As a result of the low consumption, we reduce the CO2 emission into the atmosphere.

Ref. BR Electronic Dimmable Ballast 1-10v.

With the same characteristics than the Electronic Ballast with preheating, also allows analogic dimming that lets the user to control the intensity of light from 1% to 100% with the dimmer into the switch.

Ref. TD Electronic Dimmable Ballast Touch and Dim/DALI.

With the same characteristics than the Electronic Ballast with preheating, also allows dimming with a switch, which lets the adjustment of light as wished. One push to switch on and off, and keep pushed to dimm. Compatible with DALI protocol.

Ref. CF Lighting Flow Control.

With the same characteristics than the Electronic Ballast with preheating, it is a device which includes a sensor of the lighting needed depending on the surrounding natural light. Its aim is to save energy, compensating the excessive light caused by overdimensioned lighting structure.

This device if attached to the lamp with a simple clip, and is connected to the electronic dimmable ballast 1-10V (ref. BR). Wherever such ballast is connected it will be named as "master", and depending on the amount of light received by the sensor in the master ballast, it can be dimmed up to 20 "slave" ballasts in line. (These should also be Electronic dimmable ballast 1 – 10 V). This sensor also has a rotating diaphragm, that allows to adjust manually the light intensity.

Ref. FP Lighting Flow and Presence Control.

With the same characteristics than the Electronic Ballast with preheating, it is a device based on a multiple sensor (natural light level, movement and IR receiver), and a control which turns sensor information into a digital signal. The Touch & Dali ballast connected to this system will become the "master" ballast. This system can control a maximum of 8 "slave" ballasts (which also have to be electronic dimmable Touch & Dali ballast).

Lamps luminous intensity is regulated according to the amount of natural light and the physical presence, without any type of programming. This system allows adapting automatically delays so that it gradually reduces intensity as it detected empty areas, while keeping a comfortable distribution without umbra. It reaches energy savings of 75%. It also allows varying programming by changing pre-programmed light level with a button in the sensor device adapted to the needs of the installation. It is not necessary to use switches with cables and so, it considerably reduces installation costs. at the same time it increases flexibility in case of changes in distribution and lighting rooms.



Lighting control system



Lighting sensor control system

Technical data	Lighting control system	Lighting sensor control system
	Ref. CF	Ref. FP
Control system according to sunlight	YES	YES
Movement sensor	NO	YES
IR remote control	NO	YES
Switching	NO	YES
Maximum number of slave units	20	8
Type of ballast	BR	TD
Maximum height of set-up	4 m	3.5 m

Ref. KE Emergency kit

In case of power cut, the emergency kit system allows an easy and safe evacuation of users outside. The system has an internal storage battery in constant charge which able to supply 30% of its power during a maximum of 3 hours.



Recessed polyvalent Enerfi. 1 T5 lamp

Protection degree IP20 / IP44 / IP65

- Material:** Body in thermo painted steel sheet.
- Optics:** Aluminium diffusers with parabolic stripe "v" (Ref. B) and low brightness (double parabolic) (Ref. Z). Opal polycarbonate difusers (Ref. Q) or with prismatic surface (Ref. P). Polycarbonate opal diffusers with IP44 (Ref. Q44) or IP65 (Ref. Q65) or prismatic surface with IP44 (Ref. P44) or IP65 (Ref. P65).
- Supply:** Control gear included in each model. We can supply as an option with dimmable ballast 1-10v (Ref. BR), dimmable ballast Touch & Dim (Ref. TD), lighting control system (Ref. CF), lighting sensor control system (Ref. FP) and emergency kit (Ref. KE).
- Lamps:** Fluorescent ultraslim T5 tubes of diameter 16 mm , supplied with 840 lamps (colour temperature: 4000°k); we can also supply with 830/865 lamps (colour temperature: 3000°k and 6500°k).
- Installation:** Recessed for ceilings that may be disassembled (sides of the fittings can be visible or hidden), ceilings made with smooth plaster or metallic ceilings.
- Accessories:** We advise you to use a flow recuperator, for a better luminous efficiency when using opal or prismatic optical glass (Ref. 1213). When sides of the fittings are not visible, are fixed on metallic ceilings or on smooth plaster, you have to use the clutchers set (Ref. 1214). It is also supplied with a SCB safety cable for recessed screens (Ref. 1215).
- Colours:** Supplied in white, as an option, in chrome matt (Ref. 52) and titanium (Ref. 90).



watts	C	D	
1x14	197	610	175x580
1x21	197	916	175x880
1x24	197	610	175x580
1x28	197	1210	175x1180
1x35	197	1510	175x1480
1x39	197	910	175x880
1x49	197	1510	175x1480
1x54	197	1210	175x1180
1x80	197	1510	175x1480



Prismatic diffuser



Opal diffuser

Includes parab. brightness aluminium "v" diffuser, 1 lamp 84 and clutchers.

Ref.	Watts	Measures	Ceilling module	€	lum. ^{RAEE} lamp	
1216 84	1x14W	197 x 580	175 x 610	111.86	0.65	0.30
1217 84	1x21W	197 x 880	175 x 916	124.25	0.65	0.30
1218 84	1x24W	197 x 580	175 x 610	111.86	0.65	0.30
1220 84	1x28W	197 x 1180	175 x 1210	124.25	0.65	0.30
1221 84	1x35W	197 x 1480	175 x 1510	135.33	0.65	0.30
1222 84	1x39W	197 x 880	175 x 910	124.25	0.65	0.30
1223 84	1x49W	197 x 1480	175 x 1510	135.33	0.65	0.30
1224 84	1x54W	197 x 1180	175 x 1210	124.25	0.65	0.30
1225 84	1x80W	197 x 1480	175 x 1510	141.14	0.65	0.30

Includes low brightness diffuser (double parabolic), 1 lamp 84 and clutchers.

Ref.	Watts	Measures	Ceilling module	€	lum. ^{RAEE} lamp	
1216Z 84	1x14W	197 x 580	175 x 610	131.56	0.65	0.30
1217Z 84	1x21W	197 x 880	175 x 916	145.67	0.65	0.30
1218Z 84	1x24W	197 x 580	175 x 610	131.56	0.65	0.30
1220Z 84	1x28W	197 x 1180	175 x 1210	145.67	0.65	0.30
1221Z 84	1x35W	197 x 1480	175 x 1510	159.27	0.65	0.30
1222Z 84	1x39W	197 x 880	175 x 910	145.67	0.65	0.30
1223Z 84	1x49W	197 x 1480	175 x 1510	159.27	0.65	0.30
1224Z 84	1x54W	197 x 1180	175 x 1210	145.67	0.65	0.30
1225Z 84	1x80W	197 x 1480	175 x 1510	166.07	0.65	0.30



Recessed polyvalent Enerfi. 1 T5 lamp

Includes prismatic diffuser, 1 lamp 84 and clutches.

Ref.	Watts	Measures	Ceilling module	€	RAEE	
					lum.	lamp
1216P 84	1x14W	197 x 580	175 x 610	129.40	0.65	0.30
1217P 84	1x21W	197 x 880	175 x 916	139.80	0.65	0.30
1218P 84	1x24W	197 x 580	175 x 610	129.40	0.65	0.30
1220P 84	1x28W	197 x 1180	175 x 1210	139.80	0.65	0.30
1221P 84	1x35W	197 x 1480	175 x 1510	206.45	0.65	0.30
1222P 84	1x39W	197 x 880	175 x 910	183.06	0.65	0.30
1223P 84	1x49W	197 x 1480	175 x 1510	206.45	0.65	0.30
1224P 84	1x54W	197 x 1180	175 x 1210	183.06	0.65	0.30
1225P 84	1x80W	197 x 1480	175 x 1510	207.89	0.65	0.30

Includes opal diffuser, 1 lamp 84 and clutches.

Ref.	Watts	Measures	Ceilling module	€	RAEE	
					lum.	lamp
1216Q 84	1x14W	197 x 580	175 x 610	130.12	0.65	0.30
1217Q 84	1x21W	197 x 880	175 x 916	140.83	0.65	0.30
1218Q 84	1x24W	197 x 580	175 x 610	130.12	0.65	0.30
1220Q 84	1x28W	197 x 1180	175 x 1210	140.83	0.65	0.30
1221Q 84	1x35W	197 x 1480	175 x 1510	207.87	0.65	0.30
1222Q 84	1x39W	197 x 880	175 x 910	183.97	0.65	0.30
1223Q 84	1x49W	197 x 1480	175 x 1510	207.87	0.65	0.30
1224Q 84	1x54W	197 x 1180	175 x 1210	183.97	0.65	0.30
1225Q 84	1x80W	197 x 1480	175 x 1510	208.42	0.65	0.30

Includes prismatic diffuser IP44, 1 lamp 84 and clutches.

Ref.	Watts	Measures	Ceilling module	€	RAEE	
					lum.	lamp
1216P44 84	1x14W	197 x 580	175 x 610	181.38	0.65	0.30
1217P44 84	1x21W	197 x 880	175 x 916	197.34	0.65	0.30
1218P44 84	1x24W	197 x 580	175 x 610	181.38	0.65	0.30
1220P44 84	1x28W	197 x 1180	175 x 1210	197.34	0.65	0.30
1221P44 84	1x35W	197 x 1480	175 x 1510	290.12	0.65	0.30
1222P44 84	1x39W	197 x 880	175 x 910	256.42	0.65	0.30
1223P44 84	1x49W	197 x 1480	175 x 1510	290.12	0.65	0.30
1224P44 84	1x54W	197 x 1180	175 x 1210	256.42	0.65	0.30
1225P44 84	1x80W	197 x 1480	175 x 1510	297.29	0.65	0.30

Includes opal IP44 diffuser, 1 lamp 84 and clutches.

Ref.	Watts	Measures	Ceilling module	€	RAEE	
					lum.	lamp
1216Q44 84	1x14W	197 x 580	175 x 610	185.00	0.65	0.30
1217Q44 84	1x21W	197 x 880	175 x 916	201.23	0.65	0.30
1218Q44 84	1x24W	197 x 580	175 x 610	185.00	0.65	0.30
1220Q44 84	1x28W	197 x 1180	175 x 1210	201.23	0.65	0.30
1221Q44 84	1x35W	197 x 1480	175 x 1510	295.87	0.65	0.30
1222Q44 84	1x39W	197 x 880	175 x 910	261.50	0.65	0.30
1223Q44 84	1x49W	197 x 1480	175 x 1510	295.87	0.65	0.30
1224Q44 84	1x54W	197 x 1180	175 x 1210	261.50	0.65	0.30
1225Q44 84	1x80W	197 x 1480	175 x 1510	303.19	0.65	0.30

Includes prismatic sealed IP65 diffuser, 1 lamp 84 and clutches.

Ref.	Watts	Measures	Ceilling module	€	RAEE	
					lum.	lamp
1216P65 84	1x14W	197 x 580	175 x 610	250.73	0.65	0.30
1217P65 84	1x21W	197 x 880	175 x 916	272.78	0.65	0.30
1218P65 84	1x24W	197 x 580	175 x 610	250.73	0.65	0.30
1220P65 84	1x28W	197 x 1180	175 x 1210	272.78	0.65	0.30
1221P65 84	1x35W	197 x 1480	175 x 1510	401.55	0.65	0.30
1222P65 84	1x39W	197 x 880	175 x 910	354.77	0.65	0.30
1223P65 84	1x49W	197 x 1480	175 x 1510	401.65	0.65	0.30
1224P65 84	1x54W	197 x 1180	175 x 1210	354.77	0.65	0.30
1225P65 84	1x80W	197 x 1480	175 x 1510	411.42	0.65	0.30

Includes opal sealed IP65 diffuser, 1 lamp 84 and clutches.

Ref.	Watts	Measures	Ceilling module	€	RAEE	
					lum.	lamp
1216Q65 84	1x14W	197 x 580	175 x 610	255.70	0.65	0.30
1217Q65 84	1x21W	197 x 880	175 x 916	278.19	0.65	0.30
1218Q65 84	1x24W	197 x 580	175 x 610	255.70	0.65	0.30
1220Q65 84	1x28W	197 x 1180	175 x 1210	278.19	0.65	0.30
1221Q65 84	1x35W	197 x 1480	175 x 1510	409.52	0.65	0.30
1222Q65 84	1x39W	197 x 880	175 x 910	361.81	0.65	0.30
1223Q65 84	1x49W	197 x 1480	175 x 1510	409.78	0.65	0.30
1224Q65 84	1x54W	197 x 1180	175 x 1210	361.81	0.65	0.30
1225Q65 84	1x80W	197 x 1480	175 x 1510	412.51	0.65	0.30

OPTIONS

IRC / Colour temperature

Ref. 83	830 / 3000°K Lamp	
Ref. 86	860 / 6500°K Lamp	

Rough price increase of the finished frame

	€
Ref. 52 Lacquered screen CHROME MATT	18.00
Ref. 90 Lacquered screen TITANIUM	18.00

Rough increase of the control gear

	€	1 lamp
	€	€
Ref. BR Dimmable ballast 1-10v		63.00
Ref. TD Dimmable ballast Touch and Dim		65.00
Ref. CF Lighting control system "master"		120.00
Ref. FP Lighting sensor control system "master"		270.00
Ref. KE Emergency kit	110.00	

Rough increase of accessories

	€
Ref. 1213 Flow recuperator	25.00
Ref. 1215 SCB safety cable	5.34
Ref. 1214 4 clutches set	2.30
Ref. WL Wieland connector	16.30



Ref. 1213 Flow recuperator.

Accessories

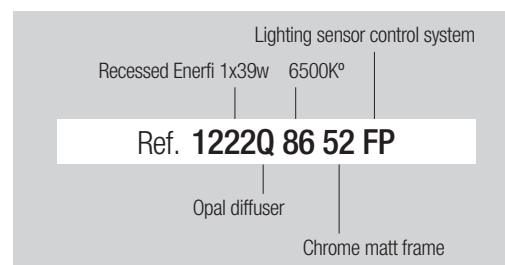


Ref. 1215 SCB safety cable for screen. Standard version 1 metre length. Made-to-measure possibility.



Ref. 1214 4 clutches set.

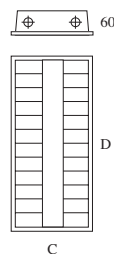
Example to write a reference with options



Recessed polyvalent Enerfi. 2 T5 lamp

Protection degree IP20 / IP44 / IP65

- Material:** Body in thermo painted steel sheet.
- Optics:** Aluminium diffusers with parabolic stripe "v" (Ref. B) and low brightness (double parabolic) (Ref. Z).
Micro punch diffuser (Ref M).Opal polycarbonate difusers (Ref. Q) or with prismatic surface (Ref. P). Polycarbonate opal diffusers with IP44 (Ref. Q44) or IP65 (Ref. Q65) or prismatic surface with IP44 (Ref. P44) or IP65 (Ref. P65).
- Supply:** Control gear included in each model. We can supply as an option with dimmable ballast 1-10v (Ref. BR), dimmable ballast Touch & Dim (Ref. TD), lighting control system (Ref. CF), lighting sensor control system (Ref. FP) and emergency kit (Ref. KE).
- Lamps:** Fluorescent ultraslim T5 tubes of diameter 16 mm , supplied with 840 lamps (colour temperature: 4000°k); we can also supply with 830/865 lamps (colour temperature: 3000°k and 6500°k).
- Installation:** Recessed for ceilings that may be disassembled (sides of the fittings can be visible or hidden), ceilings made with smooth plaster or metallic ceilings.
- Accessories:** We can customise the diffuser with the logo firm (printed in four colour process) (Ref. L).
We advise you to use a flow recuperator, for a better luminous efficiency when using opal or prismatic optical glass (Ref. 1213).When sides of the fittings are not visible, are fixed on metallic ceilings or on smooth plaster, you have to use the clutchers set (Ref. 1214). It is also supplied with a SCB safety cable for recessed screens (Ref. 1215).
- Colours:** Supplied in white, as an option, in chrome matt (Ref. 52) and titanium (Ref. 90).



watts	C	D	
2x14	297	610	275x575
2x24	297	610	275x575
2x28	297	1210	275x1175
2x54	297	1210	275x1175
2x35	297	1510	275x1497
2x49	297	1510	275x1497
2x80	297	1510	275x1497



Prismatic diffuser



Opal diffuser

Includes parab. brightness aluminium "v" diffuser, 2 lamps 84 and clutchers.

Ref.	Watts	Measures	Ceilling module	€	lum. lamp	
1226 84	2x14W	297 x 610	275 x 575	136.00	0.65	0.60
1227 84	2x24W	297 x 610	275 x 575	136.00	0.65	0.60
1228 84	2x28W	297 x 1210	275 x 1175	162.31	0.65	0.60
1229 84	2x35W	297 x 1510	275 x 1497	216.29	0.65	0.60
1230 84	2x49W	297 x 1510	275 x 1497	216.29	0.65	0.60
1231 84	2x54W	297 x 1210	275 x 1175	162.31	0.65	0.60
1232 84	2x80W	297 x 1510	275 x 1497	243.56	0.65	0.60

Includes low brightness diffuser (double parabolic), 2 lamps 84 and clutchers.

Ref.	Watts	Measures	Ceilling module	€	lum. lamp	
1226Z 84	2x14W	297 x 610	275 x 575	164.30	0.65	0.60
1227Z 84	2x24W	297 x 610	275 x 575	164.31	0.65	0.60
1228Z 84	2x28W	297 x 1210	275 x 1175	197.48	0.65	0.60
1229Z 84	2x35W	297 x 1510	275 x 1497	261.96	0.65	0.60
1230Z 84	2x49W	297 x 1510	275 x 1497	261.96	0.65	0.60
1231Z 84	2x54W	297 x 1210	275 x 1175	197.48	0.65	0.60
1232Z 84	2x80W	297 x 1510	275 x 1497	296.57	0.65	0.60



Recessed polyvalent Enerfi. 2 T5 lamp

Includes prismatic diffuser, 2 lamps 84 and clutches.

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
1226P 84	2x14W	297 x 610	275 x 575	160.30	0.65	0.60
1227P 84	2x24W	297 x 610	275 x 575	160.30	0.65	0.60
1228P 84	2x28W	297 x 1210	275 x 1175	233.38	0.65	0.60
1229P 84	2x35W	297 x 1510	275 x 1497	302.79	0.65	0.60
1230P 84	2x49W	297 x 1510	275 x 1497	302.79	0.65	0.60
1231P 84	2x54W	297 x 1210	275 x 1175	233.38	0.65	0.60
1232P 84	2x80W	297 x 1510	275 x 1497	329.01	0.65	0.60

Includes opal diffuser, 2 lamps 84 and clutches.

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
1226Q 84	2x14W	297 x 610	275 x 575	161.66	0.65	0.60
1227Q 84	2x24W	297 x 610	275 x 575	161.66	0.65	0.60
1228Q 84	2x28W	297 x 1210	275 x 1175	234.10	0.65	0.60
1229Q 84	2x35W	297 x 1510	275 x 1497	303.26	0.65	0.60
1230Q 84	2x49W	297 x 1510	275 x 1497	303.26	0.65	0.60
1231Q 84	2x54W	297 x 1210	275 x 1175	234.10	0.65	0.60
1232Q 84	2x80W	297 x 1510	275 x 1497	330.33	0.65	0.60

Includes prismatic diffuser IP44, 2 lamps 84 and clutches.

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
1226P44 84	2x14W	297 x 610	275 x 575	223.38	0.65	0.60
1227P44 84	2x24W	297 x 610	275 x 575	223.38	0.65	0.60
1228P44 84	2x28W	297 x 1210	275 x 1175	311.09	0.65	0.60
1229P44 84	2x35W	297 x 1510	275 x 1497	404.25	0.65	0.60
1230P44 84	2x49W	297 x 1510	275 x 1497	404.25	0.65	0.60
1231P44 84	2x54W	297 x 1210	275 x 1175	311.09	0.65	0.60
1232P44 84	2x80W	297 x 1510	275 x 1497	427.48	0.65	0.60

Includes opal IP44 diffuser, 2 lamps 84 and clutches.

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
1226Q44 84	2x14W	297 x 610	275 x 575	227.06	0.65	0.60
1227Q44 84	2x24W	297 x 610	275 x 575	227.06	0.65	0.60
1228Q44 84	2x28W	297 x 1210	275 x 1175	316.24	0.65	0.60
1229Q44 84	2x35W	297 x 1510	275 x 1497	411.31	0.65	0.60
1230Q44 84	2x49W	297 x 1510	275 x 1497	411.31	0.65	0.60
1231Q44 84	2x54W	297 x 1210	275 x 1175	325.65	0.65	0.60
1232Q44 84	2x80W	297 x 1510	275 x 1497	435.14	0.65	0.60

Includes prismatic sealed IP65 diffuser, 2 lamps 84 and clutches.

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
1226P65 84	2x14W	297 x 610	275 x 575	305.24	0.65	0.60
1227P65 84	2x24W	297 x 610	275 x 575	305.24	0.65	0.60
1228P65 84	2x28W	297 x 1210	275 x 1175	412.89	0.65	0.60
1229P65 84	2x35W	297 x 1510	275 x 1497	507.82	0.65	0.60
1230P65 84	2x49W	297 x 1510	275 x 1497	507.82	0.65	0.60
1231P65 84	2x54W	297 x 1210	275 x 1175	412.89	0.65	0.60
1232P65 84	2x80W	297 x 1510	275 x 1497	516.24	0.65	0.60

Includes opal sealed IP65 diffuser, 2 lamps 84 and clutches.

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
1226Q65 84	2x14W	297 x 610	275 x 575	309.44	0.65	0.60
1227Q65 84	2x24W	297 x 610	275 x 575	309.44	0.65	0.60
1228Q65 84	2x28W	297 x 1210	275 x 1175	412.94	0.65	0.60
1229Q65 84	2x35W	297 x 1510	275 x 1497	509.94	0.65	0.60
1230Q65 84	2x49W	297 x 1510	275 x 1497	509.94	0.65	0.60
1231Q65 84	2x54W	297 x 1210	275 x 1175	412.94	0.65	0.60
1232Q65 84	2x80W	297 x 1510	275 x 1497	516.37	0.65	0.60

OPTIONS

IRC / Colour temperature

Ref. 83	830 / 3000°K Lamp
Ref. 86	860 / 6500°K Lamp

	€
Rough price increase of the finished frame	
Ref. 52 Lacquered screen CHROME MATT	18.00
Ref. 90 Lacquered screen TITANIUM	18.00

	€	2x14/24/28/35/49/54w	2x80w
Rough increase of the control gear			
Ref. BR Dimmable ballast 1-10v		72.00	99.00
Ref. TD Dimmable ballast Touch and Dim		74.00	101.00
Ref. CF Lighting control system "master"		129.00	156.00
Ref. FP Lighting sensor control system "master"		290.00	320.00
Ref. KE Emergency kit	110.00		

	€
Rough increase of accessories	
Ref. 1213 Flow recuperator	28.00
Ref. 1215 SCB safety cable	5.34
Ref. 1214 4 clutches set	2.30
Ref. L Customised logo printed in four colour process	15.00
Ref. M Micro punch diffuser	7.50
Ref. WL Wieland connector	16.30



Ref. L Customised logo printed in four colour process.



Ref. M Micro punch diffuser.

Accessories



Ref. 1215 SCB safety cable for screen. Standard version 1 metre length. Made-to-measure possibility.

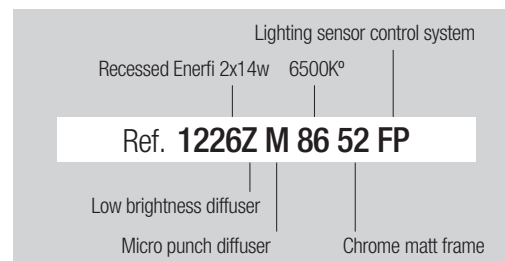


Ref. 1214 4 clutches set.



Ref. 1213 Flow recuperator.

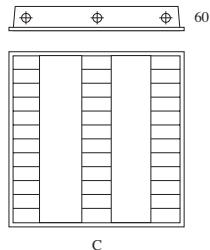
Example to write a reference with options



Recessed polyvalent Enerfi. 3 T5 lamp

Protection degree IP20 / IP44 / IP65

- Material:** Body in thermo painted steel sheet.
- Optics:** Aluminium diffusers with parabolic stripe "v" (Ref. B) and low brightness (double parabolic) (Ref. Z).
Micro punch diffuser. (Ref M). Opal polycarbonate difusers (Ref. Q) or with prismatic surface (Ref. P). Polycarbonate opal diffusers with IP44 (Ref. Q44) or IP65 (Ref. Q65) or prismatic surface with IP44 (Ref. P44) or IP65 (Ref. P65).
- Supply:** Control gear included in each model. We can supply as an option with dimmable ballast 1-10v (Ref. BR), dimmable ballast Touch & Dim (Ref. TD), lighting control system (Ref. CF), lighting sensor control system (Ref. FP) and emergency kit (Ref. KE).
- Lamps:** Fluorescent ultraslim T5 tubes of diameter 16 mm, supplied with 840 lamps (colour temperature: 4000°k); we can also supply with 830/865 lamps (colour temperature: 3000°k and 6500°k).
- Installation:** Recessed for ceilings that may be disassembled (sides of the fittings can be visible or hidden), ceilings made with smooth plaster or metallic ceilings.
- Accessories:** We can customise the diffuser with the logo firm (printed in four colour process) (Ref. L).
We advise you to use a flow recuperator, for a better luminous efficiency when using opal or prismatic optical glass (Ref. 1213). When sides of the fittings are not visible, are fixed on metallic ceilings or on smooth plaster, you have to use the clutchers set (Ref. 1214). It is also supplied with a SCB safety cable for recessed screens (Ref. 1215).
- Colours:** Supplied in white, as an option, in chrome matt (Ref. 52) and titanium (Ref. 90)



watts	C	D	
3x14	610	610	575x575
3x24	610	610	575x575
3x28	610	1210	575x1175
3x54	610	1210	575x1175



Prismatic diffuser



Opal diffuser

Includes parab. brightness aluminium "v" diffuser, 3 T5 lamp 84 and clutchers.

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE}	lamp
1233 84	3x14W	610 x 610	575 x 575	161.06	0.65	0.90
1234 84	3x24W	610 x 610	575 x 575	161.33	0.65	0.90
1235 84	3x28W	610 x 1210	575 x 1175	208.09	0.65	0.90
1236 84	3x54W	610 x 1210	575 x 1175	208.09	0.65	0.90

Includes low brightness diffuser (double parabolic), 3 T5 lamp 84 and clutchers.

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE}	lamp
1233Z 84	3x14W	610 x 610	575 x 575	192.75	0.65	0.90
1234Z 84	3x24W	610 x 610	575 x 575	192.75	0.65	0.90
1235Z 84	3x28W	610 x 1210	575 x 1175	239.20	0.65	0.90
1236Z 84	3x54W	610 x 1210	575 x 1175	239.20	0.65	0.90



Recessed polyvalent Enerfi. 3 T5 lamp

Includes prismatic diffuser, 3 T5 lamp 84 and clutches.

Ref.	Watts	Measures	Ceiling module	€	RAEE	
					lum.	lamp
1233P 84	3x14W	610 x 610	575 x 575	202.32	0.65	0.90
1234P 84	3x24W	610 x 610	575 x 575	202.45	0.65	0.90
1235P 84	3x28W	610 x 1210	575 x 1175	278.96	0.65	0.90
1236P 84	3x54W	610 x 1210	575 x 1175	278.96	0.65	0.90

Includes opal diffuser, 3 T5 lamp 84 and clutches.

Ref.	Watts	Measures	Ceiling module	€	RAEE	
					lum.	lamp
1233Q 84	3x14W	610 x 610	575 x 575	204.67	0.65	0.90
1234Q 84	3x24W	610 x 610	575 x 575	205.02	0.65	0.90
1235Q 84	3x28W	610 x 1210	575 x 1175	280.50	0.65	0.90
1236Q 84	3x54W	610 x 1210	575 x 1175	280.50	0.65	0.90

Includes prismatic diffuser IP44, 3 T5 lamp 84 and clutches.

Ref.	Watts	Measures	Ceiling module	€	RAEE	
					lum.	lamp
1233P44 84	3x14W	610 x 610	575 x 575	255.27	0.65	0.90
1234P44 84	3x24W	610 x 610	575 x 575	255.47	0.65	0.90
1235P44 84	3x28W	610 x 1210	575 x 1175	349.41	0.65	0.90
1236P44 84	3x54W	610 x 1210	575 x 1175	349.41	0.65	0.90

Includes opal IP44 diffuser, 3 T5 lamp 84 and clutches.

Ref.	Watts	Measures	Ceiling module	€	RAEE	
					lum.	lamp
1233Q44 84	3x14W	610 x 610	575 x 575	256.50	0.65	0.90
1234Q44 84	3x24W	610 x 610	575 x 575	256.60	0.65	0.90
1235Q44 84	3x28W	610 x 1210	575 x 1175	358.78	0.65	0.90
1236Q44 84	3x54W	610 x 1210	575 x 1175	358.78	0.65	0.90

Includes prismatic sealed IP65 diffuser, 3 T5 lamp 84 and clutches.

Ref.	Watts	Measures	Ceiling module	€	RAEE	
					lum.	lamp
1233P65 84	3x14W	610 x 610	575 x 575	346.68	0.65	0.90
1234P65 84	3x24W	610 x 610	575 x 575	347.14	0.65	0.90
1235P65 84	3x28W	610 x 1210	575 x 1175	486.91	0.65	0.90
1236P65 84	3x54W	610 x 1210	575 x 1175	486.91	0.65	0.90

Includes opal sealed IP65 diffuser, 3 T5 lamp 84 and clutches.

Ref.	Watts	Measures	Ceiling module	€	RAEE	
					lum.	lamp
1233Q65 84	3x14W	610 x 610	575 x 575	346.86	0.65	0.90
1234Q65 84	3x24W	610 x 610	575 x 575	347.16	0.65	0.90
1235Q65 84	3x28W	610 x 1210	575 x 1175	486.94	0.65	0.90
1236Q65 84	3x54W	610 x 1210	575 x 1175	486.94	0.65	0.90

OPTIONS

IRC / Colour temperature

Ref. 83 830 / 3000°K Lamp

Ref. 86 860 / 6500°K Lamp

Rough price increase of the finished frame

	€
Ref. 52 Lacquered screen CHROME MATT	18.00
Ref. 90 Lacquered screen TITANIUM	18.00

Rough increase of the control gear

	€	3x14/24w €	3x28/54w €
Ref. BR Dimmable ballast 1-10v		90.00	130.00
Ref. TD Dimmable ballast Touch and Dim		95.00	140.00
Ref. CF Lighting control system "master"		150.00	180.00
Ref. FP Lighting sensor control system "master"		300.00	340.00
Ref. KE Emergency kit	110.00		

Rough increase of accessories

	€		
Ref. 1213 Flow recuperator		28.00	50.00
Ref. 1215 SCB safety cable	5.34		
Ref. 1214 4 clutches set	2.30		
Ref. L Customised logo printed in four colour process	15.00		
Ref. M Micro punch diffuser	7.50		
Ref. WL Wieland connector	16.30		



Ref. L Customised logo printed in four colour process.



Ref. M Micro punch diffuser.

Accessories



Ref. 1215 SCB safety cable for screen. Standard version 1 metre length. Made-to-measure possibility.

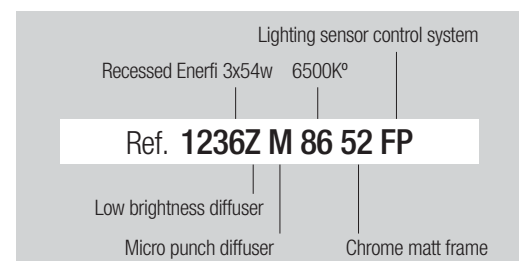


Ref. 1214 4 clutches set.



Ref. 1213 Flow recuperator.

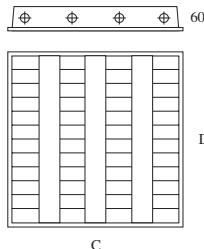
Example to write a reference with options



Recessed polyvalent Enerfi. 4 T5 lamp

Protection degree IP20 / IP44 / IP65

- Material:** Body in thermo painted steel sheet.
- Optics:** Aluminium diffusers with parabolic stripe "v" (Ref. B) and low brightness (double parabolic) (Ref. Z). Micro punch diffuser (Ref M). Opal polycarbonate difusers (Ref. Q) or with prismatic surface (Ref. P). Polycarbonate opal diffusers with IP44 (Ref. Q44) or IP65 (Ref. Q65) or prismatic surface with IP44 (Ref. P44) or IP65 (Ref. P65).
- Supply:** Control gear included in each model. We can supply as an option with dimmable ballast 1-10v (Ref. BR), dimmable ballast Touch & Dim (Ref. TD), lighting control system (Ref. CF), lighting sensor control system (Ref. FP) and emergency kit (Ref. KE).
- Lamps:** Fluorescent ultraslim T5 tubes of diameter 16 mm, supplied with 840 lamps (colour temperature: 4000°k); we can also supply with 830/865 lamps (colour temperature: 3000°k and 6500°k).
- Installation:** Recessed for ceilings that may be disassembled (sides of the fittings can be visible or hidden), ceilings made with smooth plaster or metallic ceilings.
- Accessories:** We can customise the diffuser with the logo firm (printed in four colour process) (Ref. L). We advise you to use a flow recuperator, for a better luminous efficiency when using opal or prismatic optical glass (Ref. 1213). When sides of the fittings are not visible, are fixed on metallic ceilings or on smooth plaster, you have to use the clutchers set (Ref. 1214). It is also supplied with a SCB safety cable for recessed screens (Ref. 1215).
- Colours:** Supplied in white, as an option, in chrome matt (Ref. 52) and titanium (Ref. 90).



watts	C	D	
4x14	610	610	575x575
4x24	610	610	575x575
4x28	610	1210	575x1175
4x54	610	1210	575x1175



Prismatic diffuser



Opal diffuser

Includes parab. brightness aluminium "v" diffuser, 4 lamps 84 and clutchers.

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp
1237 84	4x14W	610 x 610	575 x 575	171.66	0.65 1.20
1238 84	4x24W	610 x 610	575 x 575	171.66	0.65 1.20
1239 84	4x28W	610 x 1210	575 x 1175	241.57	0.65 1.20
1240 84	4x54W	610 x 1210	575 x 1175	241.57	0.65 1.20

Includes low brightness diffuser (double parabolic), 4 lamps 84 and clutchers.

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp
1237Z 84	4x14W	610 x 610	575 x 575	205.00	0.65 1.20
1238Z 84	4x24W	610 x 610	575 x 575	205.00	0.65 1.20
1239Z 84	4x28W	610 x 1210	575 x 1175	260.62	0.65 1.20
1240Z 84	4x54W	610 x 1210	575 x 1175	260.62	0.65 1.20



Recessed polyvalent Enerfi. 4 T5 lamp

Includes prismatic diffuser, 4 lamps 84 and clutches.

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
1237P 84	4x14W	610 x 610	575 x 575	191.96	0.65	1.20
1238P 84	4x24W	610 x 610	575 x 575	191.96	0.65	1.20
1239P 84	4x28W	610 x 1210	575 x 1175	282.56	0.65	1.20
1240P 84	4x54W	610 x 1210	575 x 1175	282.56	0.65	1.20

Includes opal diffuser, 4 lamps 84 and clutches.

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
1237Q 84	4x14W	610 x 610	575 x 575	193.44	0.65	1.20
1238Q 84	4x24W	610 x 610	575 x 575	193.44	0.65	1.20
1239Q 84	4x28W	610 x 1210	575 x 1175	284.72	0.65	1.20
1240Q 84	4x54W	610 x 1210	575 x 1175	284.72	0.65	1.20

Includes prismatic diffuser IP44, 4 lamps 84 and clutches.

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
1237P44 84	4x14W	610 x 610	575 x 575	241.00	0.65	1.20
1238P44 84	4x24W	610 x 610	575 x 575	241.00	0.65	1.20
1239P44 84	4x28W	610 x 1210	575 x 1175	354.76	0.65	1.20
1240P44 84	4x54W	610 x 1210	575 x 1175	354.76	0.65	1.20

Includes opal IP44 diffuser, 4 lamps 84 and clutches.

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
1237Q44 84	4x14W	610 x 610	575 x 575	257.78	0.65	1.20
1238Q44 84	4x24W	610 x 610	575 x 575	257.78	0.65	1.20
1239Q44 84	4x28W	610 x 1210	575 x 1175	356.92	0.65	1.20
1240Q44 84	4x54W	610 x 1210	575 x 1175	356.92	0.65	1.20

Includes prismatic sealed IP65 diffuser, 4 lamps 84 and clutches.

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
1237P65 84	4x14W	610 x 610	575 x 575	348.99	0.65	1.20
1238P65 84	4x24W	610 x 610	575 x 575	348.99	0.65	1.20
1239P65 84	4x28W	610 x 1210	575 x 1175	484.34	0.65	1.20
1240P65 84	4x54W	610 x 1210	575 x 1175	484.34	0.65	1.20

Includes opal sealed IP65 diffuser, 4 lamps 84 and clutches.

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
1237Q65 84	4x14W	610 x 610	575 x 575	349.09	0.65	1.20
1238Q65 84	4x24W	610 x 610	575 x 575	349.09	0.65	1.20
1239Q65 84	4x28W	610 x 1210	575 x 1175	484.44	0.65	1.20
1240Q65 84	4x54W	610 x 1210	575 x 1175	484.44	0.65	1.20

OPTIONS

IRC / Colour temperature

Ref. 83	830 Lamp	3000°K
Ref. 86	860 Lamp	6500°K

Rough price increase of the finished frame

	€
Ref. 52 Lacquered screen CHROME MATT	18.00
Ref. 90 Lacquered screen TITANIUM	18.00

Rough increase of the control gear

	€	4x14/24w	4x28/54w
Ref. BR Dimmable ballast 1-10v		90.00	140.00
Ref. TD Dimmable ballast Touch and Dim		95.00	160.00
Ref. CF Lighting control system "master"		150.00	200.00
Ref. FP Lighting sensor control system "master"		300.00	350.00
Ref. KE Emergency kit	110.00		

Rough increase of accessories

	€		
Ref. 1213 Flow recuperator		30.00	52.00
Ref. 1215 SCB safety cable	5.34		
Ref. 1214 4 clutches set	2.30		
Ref. L Customised logo printed in four colour process	15.00		
Ref. M Micro punch diffuser	10.00		
Ref. WL Wieland connector	16.30		

Accessories



Ref. 1215
SCB safety cable for screen.
Standard version 1 metre length.
Made-to-measure possibility.

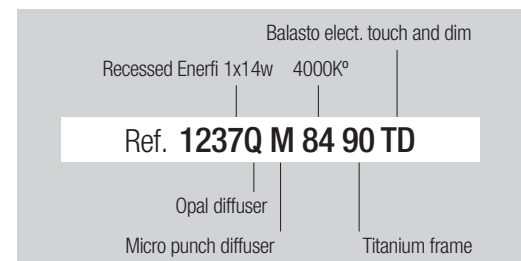


Ref. 1214
4 clutches set.



Ref. 1213
Flow recuperator.

Example to write a reference with options



Ref. L
Customised logo printed in four colour process.




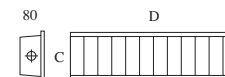
Ref. M
Micro punch diffuser.

**Recessed screen continuous line Enerfi.
1 T5 lamp**

Protection degree IP20 / IP44 / IP65

- Material:** Body in thermo painted steel sheet.
- Optics:** Aluminium diffusers with parabolic stripe "v" (Ref. B). Opal polycarbonate diffusers (Ref. Q) or with prismatic surface (Ref. P). Polycarbonate opal diffusers with IP44 (Ref. Q44) or IP65 (Ref. Q65) or prismatic surface with IP44 (Ref. P44) or IP65 (Ref. P65)
- Supply:** Control gear included in each model. We can supply as an option with dimmable ballast 1-10v (Ref. BR), dimmable ballast Touch & Dim (Ref. TD), lighting control system (Ref. CF), lighting sensor control system (Ref. FP) and emergency kit (Ref. KE).
- Lamps:** Fluorescent ultraslim T5 tubes of diameter 16 mm, supplied with 840 lamps (colour temperature: 4000°k); we can also supply with 830/865 lamps (colour temperature: 3000°k and 6500°k).
- Installation:** Recessed for ceilings that may be disassembled (sides of the fittings can be visible or hidden), ceilings made with smooth plaster or metallic ceilings.
- Accessories:** We can customise the diffuser with the logo firm (printed in four colour process) (Ref. L). We advise you to use a flow recuperator, for a better luminous efficiency when using opal or prismatic optical glass (Ref. 1213). When sides of the fittings are not visible, are fixed on metallic ceilings or on smooth plaster, you have to use the clutches set (Ref. 1214). It is also supplied with a SCB safety cable for recessed screens (Ref. 1215).
- Colours:** Supplied in white, and as an option, in chrome matt (Ref. 52) and titanium (Ref. 90).

watts	C	D	
1x14	197	593	175x580
1x21	197	893	175x880
1x24	197	593	175x580
1x28	197	1192	175x1180
1x35	197	1493	175x1480
1x39	197	893	175x880
1x49	197	1493	175x1480
1x54	197	1192	175x1180
1x80	197	1493	175x1480



Includes par. brightness aluminium "v" diffuser, 1 lamp 84 and clutches.

Initial module (MP), intermediate module (MI), final module (MF)

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp
1260 84 MP	1x14W	197 x 593	175 x 580	117.22	0.65 0.30
1260 84 MI	1x14W	197 x 580	175 x 580	117.22	0.65 0.30
1260 84 MF	1x14W	197 x 593	175 x 580	117.22	0.65 0.30

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp
1261 84 MP	1x21W	197 x 893	175 x 880	130.09	0.65 0.30
1261 84 MI	1x21W	197 x 880	175 x 880	130.09	0.65 0.30
1261 84 MF	1x21W	197 x 893	175 x 880	130.09	0.65 0.30

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp
1262 84 MP	1x24W	197 x 593	175 x 580	117.21	0.65 0.30
1262 84 MI	1x24W	197 x 580	175 x 580	117.21	0.65 0.30
1262 84 MF	1x24W	197 x 593	175 x 580	117.21	0.65 0.30

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp
1263 84 MP	1x28W	197 x 1192	175 x 1180	130.28	0.65 0.30
1263 84 MI	1x28W	197 x 1180	175 x 1180	130.28	0.65 0.30
1263 84 MF	1x28W	197 x 1192	175 x 1180	130.28	0.65 0.30

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp
1264 84 MP	1x35W	197 x 1493	175 x 1480	141.71	0.65 0.30
1264 84 MI	1x35W	197 x 1480	175 x 1480	141.71	0.65 0.30
1264 84 MF	1x35W	197 x 1493	175 x 1480	141.71	0.65 0.30

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp
1265 84 MP	1x39W	197 x 893	175 x 880	130.09	0.65 0.30
1265 84 MI	1x39W	197 x 880	175 x 880	130.09	0.65 0.30
1265 84 MF	1x39W	197 x 893	175 x 880	130.09	0.65 0.30

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp
1266 84 MP	1x49W	197 x 1493	175 x 1480	141.84	0.65 0.30
1266 84 MI	1x49W	197 x 1480	175 x 1480	141.84	0.65 0.30
1266 84 MF	1x49W	197 x 1493	175 x 1480	141.84	0.65 0.30

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp
1267 84 MP	1x54W	197 x 1192	175 x 1180	130.34	0.65 0.30
1267 84 MI	1x54W	197 x 1180	175 x 1180	130.34	0.65 0.30
1267 84 MF	1x54W	197 x 1192	175 x 1180	130.34	0.65 0.30

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp
1268 84 MP	1x80W	197 x 1493	175 x 1480	148.18	0.65 0.30
1268 84 MI	1x80W	197 x 1480	175 x 1480	148.18	0.65 0.30
1268 84 MF	1x80W	197 x 1493	175 x 1480	148.18	0.65 0.30

Recessed Enerfi linea continua. 1xT5



Includes prismatic diffuser, 1 lamp 84 and clutches.

Initial module (MP), intermediate module (MI), final module (MF)

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
1260P 84 MP	1x14W	197 x 593	175 x 580	139.80	0.65	0.30
1260P 84 MI	1x14W	197 x 580	175 x 580	139.80	0.65	0.30
1260P 84 MF	1x14W	197 x 593	175 x 580	139.80	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
1261P 84 MP	1x21W	197 x 893	175 x 880	154.86	0.65	0.30
1261P 84 MI	1x21W	197 x 880	175 x 880	154.86	0.65	0.30
1261P 84 MF	1x21W	197 x 893	175 x 880	154.86	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
1262P 84 MP	1x24W	197 x 593	175 x 580	139.80	0.65	0.30
1262P 84 MI	1x24W	197 x 580	175 x 580	139.80	0.65	0.30
1262P 84 MF	1x24W	197 x 593	175 x 580	139.80	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
1263P 84 MP	1x28W	197 x 1192	175 x 1180	155.12	0.65	0.30
1263P 84 MI	1x28W	197 x 1180	175 x 1180	155.12	0.65	0.30
1263P 84 MF	1x28W	197 x 1192	175 x 1180	155.12	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
1264P 84 MP	1x35W	197 x 1493	175 x 1480	169.41	0.65	0.30
1264P 84 MI	1x35W	197 x 1480	175 x 1480	169.41	0.65	0.30
1264P 84 MF	1x35W	197 x 1493	175 x 1480	169.41	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
1265P 84 MP	1x39W	197 x 893	175 x 880	154.86	0.65	0.30
1265P 84 MI	1x39W	197 x 880	175 x 880	154.86	0.65	0.30
1265P 84 MF	1x39W	197 x 893	175 x 880	154.86	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
1266P 84 MP	1x49W	197 x 1493	175 x 1480	169.54	0.65	0.30
1266P 84 MI	1x49W	197 x 1480	175 x 1480	169.54	0.65	0.30
1266P 84 MF	1x49W	197 x 1493	175 x 1480	169.54	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
1267P 84 MP	1x54W	197 x 1192	175 x 1180	155.18	0.65	0.30
1267P 84 MI	1x54W	197 x 1180	175 x 1180	155.18	0.65	0.30
1267P 84 MF	1x54W	197 x 1192	175 x 1180	155.18	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
1268P 84 MP	1x80W	197 x 1493	175 x 1480	176.43	0.65	0.30
1268P 84 MI	1x80W	197 x 1480	175 x 1480	176.43	0.65	0.30
1268P 84 MF	1x80W	197 x 1493	175 x 1480	176.43	0.65	0.30



Includes opal diffuser, 1 lamp 84 and clutches.

Initial module (MP), intermediate module (MI), final module (MF)

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
1260Q 84 MP	1x14W	197 x 593	175 x 580	139.82	0.65	0.30
1260Q 84 MI	1x14W	197 x 580	175 x 580	139.82	0.65	0.30
1260Q 84 MF	1x14W	197 x 593	175 x 580	139.82	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
1261Q 84 MP	1x21W	197 x 893	175 x 880	154.88	0.65	0.30
1261Q 84 MI	1x21W	197 x 880	175 x 880	154.88	0.65	0.30
1261Q 84 MF	1x21W	197 x 893	175 x 880	154.88	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
1262Q 84 MP	1x24W	197 x 593	175 x 580	139.82	0.65	0.30
1262Q 84 MI	1x24W	197 x 580	175 x 580	139.82	0.65	0.30
1262Q 84 MF	1x24W	197 x 593	175 x 580	139.82	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
1263Q 84 MP	1x28W	197 x 1192	175 x 1180	155.15	0.65	0.30
1263Q 84 MI	1x28W	197 x 1180	175 x 1180	155.15	0.65	0.30
1263Q 84 MF	1x28W	197 x 1192	175 x 1180	155.15	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
1264Q 84 MP	1x35W	197 x 1493	175 x 1480	169.44	0.65	0.30
1264Q 84 MI	1x35W	197 x 1480	175 x 1480	169.44	0.65	0.30
1264Q 84 MF	1x35W	197 x 1493	175 x 1480	169.44	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
1265Q 84 MP	1x39W	197 x 893	175 x 880	154.90	0.65	0.30
1265Q 84 MI	1x39W	197 x 880	175 x 880	154.90	0.65	0.30
1265Q 84 MF	1x39W	197 x 893	175 x 880	154.90	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
1266Q 84 MP	1x49W	197 x 1493	175 x 1480	169.55	0.65	0.30
1266Q 84 MI	1x49W	197 x 1480	175 x 1480	169.55	0.65	0.30
1266Q 84 MF	1x49W	197 x 1493	175 x 1480	169.55	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
1267Q 84 MP	1x54W	197 x 1192	175 x 1180	155.20	0.65	0.30
1267Q 84 MI	1x54W	197 x 1180	175 x 1180	155.20	0.65	0.30
1267Q 84 MF	1x54W	197 x 1192	175 x 1180	155.20	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
1268Q 84 MP	1x80W	197 x 1493	175 x 1480	176.47	0.65	0.30
1268Q 84 MI	1x80W	197 x 1480	175 x 1480	176.47	0.65	0.30
1268Q 84 MF	1x80W	197 x 1493	175 x 1480	176.47	0.65	0.30

Recessed screen continuous line Enerfi. 1 T5 lamp

Includes prismatic diffuser IP44 and 1 lamp 84 and clutches.

Initial module (MP), intermediate module (MI), final module (MF)

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE}	lamp
1260P44 84 MP	1x14W	197 x 593	175 x 580	145.03	0.65	0.30
1260P44 84 MI	1x14W	197 x 580	175 x 580	145.03	0.65	0.30
1260P44 84 MF	1x14W	197 x 593	175 x 580	145.03	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE}	lamp
1261P44 84 MP	1x21W	197 x 893	175 x 880	172.32	0.65	0.30
1261P44 84 MI	1x21W	197 x 880	175 x 880	172.32	0.65	0.30
1261P44 84 MF	1x21W	197 x 893	175 x 880	172.32	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE}	lamp
1262P44 84 MP	1x24W	197 x 593	175 x 580	141.94	0.65	0.30
1262P44 84 MI	1x24W	197 x 580	175 x 580	141.94	0.65	0.30
1262P44 84 MF	1x24W	197 x 593	175 x 580	141.94	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE}	lamp
1263P44 84 MP	1x28W	197 x 1192	175 x 1180	191.05	0.65	0.30
1263P44 84 MI	1x28W	197 x 1180	175 x 1180	191.05	0.65	0.30
1263P44 84 MF	1x28W	197 x 1192	175 x 1180	191.05	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE}	lamp
1264P44 84 MP	1x35W	197 x 1493	175 x 1480	201.45	0.65	0.30
1264P44 84 MI	1x35W	197 x 1480	175 x 1480	201.45	0.65	0.30
1264P44 84 MF	1x35W	197 x 1493	175 x 1480	201.45	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE}	lamp
1265P44 84 MP	1x39W	197 x 893	175 x 880	172.32	0.65	0.30
1265P44 84 MI	1x39W	197 x 880	175 x 880	172.32	0.65	0.30
1265P44 84 MF	1x39W	197 x 893	175 x 880	172.32	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE}	lamp
1266P44 84 MP	1x49W	197 x 1493	175 x 1480	201.58	0.65	0.30
1266P44 84 MI	1x49W	197 x 1480	175 x 1480	201.58	0.65	0.30
1266P44 84 MF	1x49W	197 x 1493	175 x 1480	201.58	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE}	lamp
1267P44 84 MP	1x54W	197 x 1192	175 x 1180	191.11	0.65	0.30
1267P44 84 MI	1x54W	197 x 1180	175 x 1180	191.11	0.65	0.30
1267P44 84 MF	1x54W	197 x 1192	175 x 1180	191.11	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE}	lamp
1268P44 84 MP	1x80W	197 x 1493	175 x 1480	206.88	0.65	0.30
1268P44 84 MI	1x80W	197 x 1480	175 x 1480	206.88	0.65	0.30
1268P44 84 MF	1x80W	197 x 1493	175 x 1480	206.88	0.65	0.30

Includes opal diffuser IP44 ,and 1 lamp 84 and clutches.

Initial module (MP), intermediate module (MI), final module (MF)

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE}	lamp
1260Q44 84 MP	1x14W	197 x 593	175 x 580	146.08	0.65	0.30
1260Q44 84 MI	1x14W	197 x 580	175 x 580	146.08	0.65	0.30
1260Q44 84 MF	1x14W	197 x 593	175 x 580	146.08	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE}	lamp
1261Q44 84 MP	1x21W	197 x 893	175 x 880	173.38	0.65	0.30
1261Q44 84 MI	1x21W	197 x 880	175 x 880	173.38	0.65	0.30
1261Q44 84 MF	1x21W	197 x 893	175 x 880	173.38	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE}	lamp
1262Q44 84 MP	1x24W	197 x 593	175 x 580	142.99	0.65	0.30
1262Q44 84 MI	1x24W	197 x 580	175 x 580	142.99	0.65	0.30
1262Q44 84 MF	1x24W	197 x 593	175 x 580	142.99	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE}	lamp
1263Q44 84 MP	1x28W	197 x 1192	175 x 1180	192.12	0.65	0.30
1263Q44 84 MI	1x28W	197 x 1180	175 x 1180	192.12	0.65	0.30
1263Q44 84 MF	1x28W	197 x 1192	175 x 1180	192.12	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE}	lamp
1264Q44 84 MP	1x35W	197 x 1493	175 x 1480	202.53	0.65	0.30
1264Q44 84 MI	1x35W	197 x 1480	175 x 1480	202.53	0.65	0.30
1264Q44 84 MF	1x35W	197 x 1493	175 x 1480	202.53	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE}	lamp
1265Q44 84 MP	1x39W	197 x 893	175 x 880	173.38	0.65	0.30
1265Q44 84 MI	1x39W	197 x 880	175 x 880	173.38	0.65	0.30
1265Q44 84 MF	1x39W	197 x 893	175 x 880	173.38	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE}	lamp
1266Q44 84 MP	1x49W	197 x 1493	175 x 1480	202.63	0.65	0.30
1266Q44 84 MI	1x49W	197 x 1480	175 x 1480	202.63	0.65	0.30
1266Q44 84 MF	1x49W	197 x 1493	175 x 1480	202.63	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE}	lamp
1267Q44 84 MP	1x54W	197 x 1192	175 x 1180	192.18	0.65	0.30
1267Q44 84 MI	1x54W	197 x 1180	175 x 1180	192.18	0.65	0.30
1267Q44 84 MF	1x54W	197 x 1192	175 x 1180	192.18	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE}	lamp
1268Q44 84 MP	1x80W	197 x 1493	175 x 1480	207.93	0.65	0.30
1268Q44 84 MI	1x80W	197 x 1480	175 x 1480	207.93	0.65	0.30
1268Q44 84 MF	1x80W	197 x 1493	175 x 1480	207.93	0.65	0.30

Accessories

Ref. 1215
SCB safety cable for screen.
Standard version 1 metre length.
Made-to-measure possibility.



Ref. 1214
4 clutches set.



Ref. 1213
Flow recuperator.

Recessed screen continuous line Enerfi. 1 T5 lamp

Recessed Enerfi linea continua. 1xT5

Includes prismatic sealed IP65 diffuser and 1 lamp 84 and clutches.

Initial module (MP), intermediate module (MI), final module (MF)

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
1260P65 84 MP	1x14W	197 x 593	175 x 580	197.73	0.65	0.30
1260P65 84 MI	1x14W	197 x 580	175 x 580	197.73	0.65	0.30
1260P65 84 MF	1x14W	197 x 593	175 x 580	197.73	0.65	0.30
1261P65 84 MP	1x21W	197 x 893	175 x 880	219.61	0.65	0.30
1261P65 84 MI	1x21W	197 x 880	175 x 880	219.61	0.65	0.30
1261P65 84 MF	1x21W	197 x 893	175 x 880	219.61	0.65	0.30
1262P65 84 MP	1x24W	197 x 593	175 x 580	197.73	0.65	0.30
1262P65 84 MI	1x24W	197 x 580	175 x 580	197.73	0.65	0.30
1262P65 84 MF	1x24W	197 x 593	175 x 580	197.73	0.65	0.30
1263P65 84 MP	1x28W	197 x 1192	175 x 1180	219.98	0.65	0.30
1263P65 84 MI	1x28W	197 x 1180	175 x 1180	219.98	0.65	0.30
1263P65 84 MF	1x28W	197 x 1192	175 x 1180	219.98	0.65	0.30
1264P65 84 MP	1x35W	197 x 1493	175 x 1480	239.42	0.65	0.30
1264P65 84 MI	1x35W	197 x 1480	175 x 1480	239.42	0.65	0.30
1264P65 84 MF	1x35W	197 x 1493	175 x 1480	239.42	0.65	0.30
1265P65 84 MP	1x39W	197 x 893	175 x 880	219.64	0.65	0.30
1265P65 84 MI	1x39W	197 x 880	175 x 880	219.64	0.65	0.30
1265P65 84 MF	1x39W	197 x 893	175 x 880	219.64	0.65	0.30
1266P65 84 MP	1x49W	197 x 1493	175 x 1480	239.56	0.65	0.30
1266P65 84 MI	1x49W	197 x 1480	175 x 1480	239.56	0.65	0.30
1266P65 84 MF	1x49W	197 x 1493	175 x 1480	239.56	0.65	0.30
1267P65 84 MP	1x54W	197 x 1192	175 x 1180	220.05	0.65	0.30
1267P65 84 MI	1x54W	197 x 1180	175 x 1180	220.05	0.65	0.30
1267P65 84 MF	1x54W	197 x 1192	175 x 1180	220.05	0.65	0.30
1268P65 84 MP	1x80W	197 x 1493	175 x 1480	250.37	0.65	0.30
1268P65 84 MI	1x80W	197 x 1480	175 x 1480	250.37	0.65	0.30
1268P65 84 MF	1x80W	197 x 1493	175 x 1480	250.37	0.65	0.30

Includes opal sealed IP65 diffuser, 1 lamp 84 and clutches.

Initial module (MP), intermediate module (MI), final module (MF)

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
1260Q65 84 MP	1x14W	197 x 593	175 x 580	197.75	0.65	0.30
1260Q65 84 MI	1x14W	197 x 580	175 x 580	197.75	0.65	0.30
1260Q65 84 MF	1x14W	197 x 593	175 x 580	197.75	0.65	0.30
1261Q65 84 MP	1x21W	197 x 893	175 x 880	219.63	0.65	0.30
1261Q65 84 MI	1x21W	197 x 880	175 x 880	219.63	0.65	0.30
1261Q65 84 MF	1x21W	197 x 893	175 x 880	219.63	0.65	0.30
1262Q65 84 MP	1x24W	197 x 593	175 x 580	197.75	0.65	0.30
1262Q65 84 MI	1x24W	197 x 580	175 x 580	197.75	0.65	0.30
1262Q65 84 MF	1x24W	197 x 593	175 x 580	197.75	0.65	0.30
1263Q65 84 MP	1x28W	197 x 1192	175 x 1180	220.00	0.65	0.30
1263Q65 84 MI	1x28W	197 x 1180	175 x 1180	220.00	0.65	0.30
1263Q65 84 MF	1x28W	197 x 1192	175 x 1180	220.00	0.65	0.30
1264Q65 84 MP	1x35W	197 x 1493	175 x 1480	239.44	0.65	0.30
1264Q65 84 MI	1x35W	197 x 1480	175 x 1480	239.44	0.65	0.30
1264Q65 84 MF	1x35W	197 x 1493	175 x 1480	239.44	0.65	0.30
1265Q65 84 MP	1x39W	197 x 893	175 x 880	219.65	0.65	0.30
1265Q65 84 MI	1x39W	197 x 880	175 x 880	219.65	0.65	0.30
1265Q65 84 MF	1x39W	197 x 893	175 x 880	219.65	0.65	0.30
1266Q65 84 MP	1x49W	197 x 1493	175 x 1480	239.57	0.65	0.30
1266Q65 84 MI	1x49W	197 x 1480	175 x 1480	239.57	0.65	0.30
1266Q65 84 MF	1x49W	197 x 1493	175 x 1480	239.57	0.65	0.30
1267Q65 84 MP	1x54W	197 x 1192	175 x 1180	220.06	0.65	0.30
1267Q65 84 MI	1x54W	197 x 1180	175 x 1180	220.06	0.65	0.30
1267Q65 84 MF	1x54W	197 x 1192	175 x 1180	220.06	0.65	0.30
1268Q65 84 MP	1x80W	197 x 1493	175 x 1480	250.40	0.65	0.30
1268Q65 84 MI	1x80W	197 x 1480	175 x 1480	250.40	0.65	0.30
1268Q65 84 MF	1x80W	197 x 1493	175 x 1480	250.40	0.65	0.30

OPTIONS

IRC / Colour temperature

Ref. 83	830 Lamp	3000°K
Ref. 86	860 Lamp	6500°K

Rough price increase of the finished frame

Ref. 52	Lacquered screen CHROME MATT	18.00
Ref. 90	Lacquered screen TITANIUM	18.00

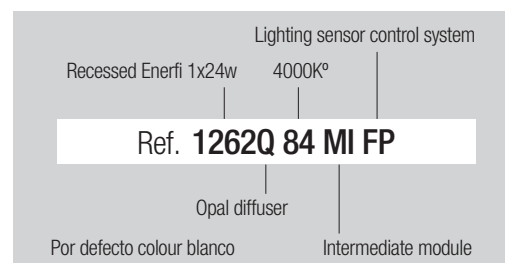
Rough increase of the control gear

Ref. BR	Dimmable ballast 1-10v	63.00
Ref. TD	Dimmable ballast Touch and Dim	65.00
Ref. CF	Lighting control system "master"	120.00
Ref. FP	Lighting sensor control system "master"	270.00
Ref. KE	Emergency kit	110.00

Rough increase of accessories

Ref. 1213	Flow recuperator	25.00
Ref. 1215	SCB safety cable	5.34
Ref. 1214	4 clutches set	2.30
Ref. WL	Wieland connector	16.30


Example to write a reference with options

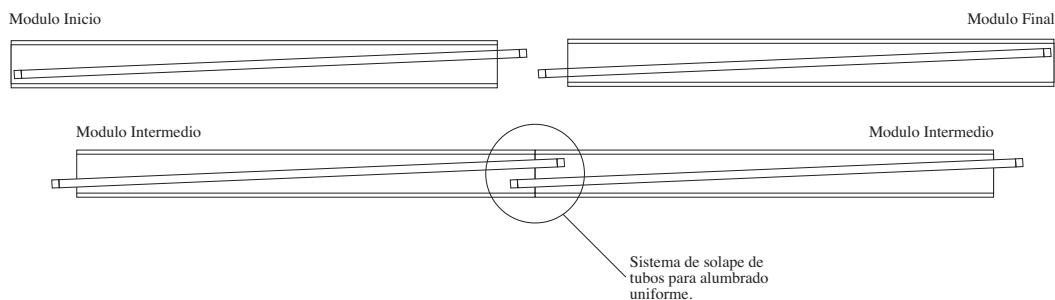
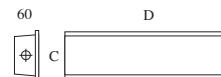


**Recessed screen continuous line Akri.
1 T5 lamp**

Protection degree IP20 / IP44 / IP65

- Material:** Body in thermo painted steel sheet.
- Optics:** Aluminium diffusers with parabolic stripe "v" (Ref. B). Opal polycarbonate difusers (Ref. Q) or with prismatic surface (Ref. P). Polycarbonate opal difusers with IP44 (Ref. Q44) or IP65 (Ref. Q65) or prismatic surface with IP44 (Ref. P44) or IP65 (Ref. P65)
- Supply:** Control gear included in each model. We can supply as an option with dimmable ballast 1-10v (Ref. BR), dimmable ballast Touch & Dim (Ref. TD), lighting control system (Ref. CF), lighting sensor control system (Ref. FP) and emergency kit (Ref. KE).
- Lamps:** Fluorescent ultraslim T5 tubes of diameter 16 mm, supplied with 840 lamps (colour temperature: 4000°k); we can also supply with 830/865 lamps (colour temperature: 3000°k and 6500°k).
- Installation:** Recessed for ceilings that may be disassembled (sides of the fittings can be visible or hidden), ceillings made with smooth plaster or metallic ceilings.
- Accessories:** We can customise the diffuser with the logo firm (printed in four colour process) (Ref. L). We advise you to use a flow recuperator, for a better luminous efficiency when using opal or prismatic optical glass (Ref. 1213). When sides of the fittings are not visible, are fixed on metallic ceilings or on smooth plaster, you have to use the clutchers set (Ref. 1214). It is also supplied with a SCB safety cable for recessed screens (Ref. 1215).
- Colours:** Supplied in white, and as an option, in chrome matt (Ref. 52) and titanium (Ref. 90).

watts	C	D	
1x14	197	593	175x580
1x21	197	893	175x880
1x24	197	593	175x580
1x28	197	1192	175x1180
1x35	197	1493	175x1480
1x39	197	893	175x880
1x49	197	1493	175x1480
1x54	197	1192	175x1180
1x80	197	1493	175x1480



Recessed screen continuous line Akri T5



Includes prismatic diffuser, 1 lamp 84 and clutches.

Initial module (MP), intermediate module (MI), final module (MF)

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
3260P 84 MP	1x14W	197 x 593	175 x 580	171.87	0.65	0.30
3260P 84 MI	1x14W	197 x 580	175 x 580	171.87	0.65	0.30
3260P 84 MF	1x14W	197 x 593	175 x 580	171.87	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
3261P 84 MP	1x21W	197 x 893	175 x 880	190.70	0.65	0.30
3261P 84 MI	1x21W	197 x 880	175 x 880	190.70	0.65	0.30
3261P 84 MF	1x21W	197 x 893	175 x 880	190.70	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
3262P 84 MP	1x24W	197 x 593	175 x 580	171.70	0.65	0.30
3262P 84 MI	1x24W	197 x 580	175 x 580	171.70	0.65	0.30
3262P 84 MF	1x24W	197 x 593	175 x 580	171.70	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
3263P 84 MP	1x28W	197 x 1192	175 x 1180	191.02	0.65	0.30
3263P 84 MI	1x28W	197 x 1180	175 x 1180	191.02	0.65	0.30
3263P 84 MF	1x28W	197 x 1192	175 x 1180	191.02	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
3264P 84 MP	1x35W	197 x 1493	175 x 1480	209.04	0.65	0.30
3264P 84 MI	1x35W	197 x 1480	175 x 1480	209.04	0.65	0.30
3264P 84 MF	1x35W	197 x 1493	175 x 1480	209.04	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
3265P 84 MP	1x39W	197 x 893	175 x 880	190.70	0.65	0.30
3265P 84 MI	1x39W	197 x 880	175 x 880	190.70	0.65	0.30
3265P 84 MF	1x39W	197 x 893	175 x 880	190.70	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
3266P 84 MP	1x49W	197 x 1493	175 x 1480	209.04	0.65	0.30
3266P 84 MI	1x49W	197 x 1480	175 x 1480	209.04	0.65	0.30
3266P 84 MF	1x49W	197 x 1493	175 x 1480	209.04	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
3267P 84 MP	1x54W	197 x 1192	175 x 1180	191.09	0.65	0.30
3267P 84 MI	1x54W	197 x 1180	175 x 1180	191.09	0.65	0.30
3267P 84 MF	1x54W	197 x 1192	175 x 1180	191.09	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
3268P 84 MP	1x80W	197 x 1493	175 x 1480	217.65	0.65	0.30
3268P 84 MI	1x80W	197 x 1480	175 x 1480	217.65	0.65	0.30
3268P 84 MF	1x80W	197 x 1493	175 x 1480	217.65	0.65	0.30



Includes opal diffuser, 1 lamp 84 and clutches.

Initial module (MP), intermediate module (MI), final module (MF)

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
3260Q 84 MP	1x14W	197 x 593	175 x 580	171.90	0.65	0.30
3260Q 84 MI	1x14W	197 x 580	175 x 580	171.90	0.65	0.30
3260Q 84 MF	1x14W	197 x 593	175 x 580	171.90	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
3261Q 84 MP	1x21W	197 x 893	175 x 880	190.25	0.65	0.30
3261Q 84 MI	1x21W	197 x 880	175 x 880	190.25	0.65	0.30
3261Q 84 MF	1x21W	197 x 893	175 x 880	190.25	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
3262Q 84 MP	1x24W	197 x 593	175 x 580	171.90	0.65	0.30
3262Q 84 MI	1x24W	197 x 580	175 x 580	171.90	0.65	0.30
3262Q 84 MF	1x24W	197 x 593	175 x 580	171.90	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
3263Q 84 MP	1x28W	197 x 1192	175 x 1180	191.06	0.65	0.30
3263Q 84 MI	1x28W	197 x 1180	175 x 1180	191.06	0.65	0.30
3263Q 84 MF	1x28W	197 x 1192	175 x 1180	191.06	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
3264Q 84 MP	1x35W	197 x 1493	175 x 1480	208.93	0.65	0.30
3264Q 84 MI	1x35W	197 x 1480	175 x 1480	208.93	0.65	0.30
3264Q 84 MF	1x35W	197 x 1493	175 x 1480	208.93	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
3265Q 84 MP	1x39W	197 x 893	175 x 880	190.75	0.65	0.30
3265Q 84 MI	1x39W	197 x 880	175 x 880	190.75	0.65	0.30
3265Q 84 MF	1x39W	197 x 893	175 x 880	190.75	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
3266Q 84 MP	1x49W	197 x 1493	175 x 1480	209.05	0.65	0.30
3266Q 84 MI	1x49W	197 x 1480	175 x 1480	209.05	0.65	0.30
3266Q 84 MF	1x49W	197 x 1493	175 x 1480	209.05	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
3267Q 84 MP	1x54W	197 x 1192	175 x 1180	191.12	0.65	0.30
3267Q 84 MI	1x54W	197 x 1180	175 x 1180	191.12	0.65	0.30
3267Q 84 MF	1x54W	197 x 1192	175 x 1180	191.12	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
3268Q 84 MP	1x80W	197 x 1493	175 x 1480	217.71	0.65	0.30
3268Q 84 MI	1x80W	197 x 1480	175 x 1480	217.71	0.65	0.30
3268Q 84 MF	1x80W	197 x 1493	175 x 1480	217.71	0.65	0.30

Recessed screen continuous line Akri. 1 T5 lamp

Includes prismatic diffuser IP44 and 1 lamp 84 and clutches.

Initial module (MP), intermediate module (MI), final module (MF)

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp	
3260P44 84 MP	1x14W	197 x 593	175 x 580	178.41	0.65	0.30
3260P44 84 MI	1x14W	197 x 580	175 x 580	178.41	0.65	0.30
3260P44 84 MF	1x14W	197 x 593	175 x 580	178.41	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp	
3261P44 84 MP	1x21W	197 x 893	175 x 880	212.51	0.65	0.30
3261P44 84 MI	1x21W	197 x 880	175 x 880	212.51	0.65	0.30
3261P44 84 MF	1x21W	197 x 893	175 x 880	212.51	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp	
3262P44 84 MP	1x24W	197 x 593	175 x 580	174.55	0.65	0.30
3262P44 84 MI	1x24W	197 x 580	175 x 580	174.55	0.65	0.30
3262P44 84 MF	1x24W	197 x 593	175 x 580	174.55	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp	
3263P44 84 MP	1x28W	197 x 1192	175 x 1180	235.93	0.65	0.30
3263P44 84 MI	1x28W	197 x 1180	175 x 1180	235.93	0.65	0.30
3263P44 84 MF	1x28W	197 x 1192	175 x 1180	235.93	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp	
3264P44 84 MP	1x35W	197 x 1493	175 x 1480	249.18	0.65	0.30
3264P44 84 MI	1x35W	197 x 1480	175 x 1480	249.18	0.65	0.30
3264P44 84 MF	1x35W	197 x 1493	175 x 1480	249.18	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp	
3265P44 84 MP	1x39W	197 x 893	175 x 880	212.51	0.65	0.30
3265P44 84 MI	1x39W	197 x 880	175 x 880	212.51	0.65	0.30
3265P44 84 MF	1x39W	197 x 893	175 x 880	212.51	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp	
3266P44 84 MP	1x49W	197 x 1493	175 x 1480	241.85	0.65	0.30
3266P44 84 MI	1x49W	197 x 1480	175 x 1480	241.85	0.65	0.30
3266P44 84 MF	1x49W	197 x 1493	175 x 1480	241.85	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp	
3267P44 84 MP	1x54W	197 x 1192	175 x 1180	236.00	0.65	0.30
3267P44 84 MI	1x54W	197 x 1180	175 x 1180	236.00	0.65	0.30
3267P44 84 MF	1x54W	197 x 1192	175 x 1180	236.00	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp	
3268P44 84 MP	1x80W	197 x 1493	175 x 1480	255.72	0.65	0.30
3268P44 84 MI	1x80W	197 x 1480	175 x 1480	255.72	0.65	0.30
3268P44 84 MF	1x80W	197 x 1493	175 x 1480	255.72	0.65	0.30

Includes opal diffuser IP44 ,and 1 lamp 84 and clutches.

Initial module (MP), intermediate module (MI), final module (MF)

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp	
3260Q44 84 MP	1x14W	197 x 593	175 x 580	179.73	0.65	0.30
3260Q44 84 MI	1x14W	197 x 580	175 x 580	179.73	0.65	0.30
3260Q44 84 MF	1x14W	197 x 593	175 x 580	179.73	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp	
3261Q44 84 MP	1x21W	197 x 893	175 x 880	213.84	0.65	0.30
3261Q44 84 MI	1x21W	197 x 880	175 x 880	213.84	0.65	0.30
3261Q44 84 MF	1x21W	197 x 893	175 x 880	213.84	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp	
3262Q44 84 MP	1x24W	197 x 593	175 x 580	175.87	0.65	0.30
3262Q44 84 MI	1x24W	197 x 580	175 x 580	175.87	0.65	0.30
3262Q44 84 MF	1x24W	197 x 593	175 x 580	175.87	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp	
3263Q44 84 MP	1x28W	197 x 1192	175 x 1180	237.28	0.65	0.30
3263Q44 84 MI	1x28W	197 x 1180	175 x 1180	237.28	0.65	0.30
3263Q44 84 MF	1x28W	197 x 1192	175 x 1180	237.28	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp	
3264Q44 84 MP	1x35W	197 x 1493	175 x 1480	250.29	0.65	0.30
3264Q44 84 MI	1x35W	197 x 1480	175 x 1480	250.29	0.65	0.30
3264Q44 84 MF	1x35W	197 x 1493	175 x 1480	250.29	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp	
3265Q44 84 MP	1x39W	197 x 893	175 x 880	213.84	0.65	0.30
3265Q44 84 MI	1x39W	197 x 880	175 x 880	213.84	0.65	0.30
3265Q44 84 MF	1x39W	197 x 893	175 x 880	213.84	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp	
3266Q44 84 MP	1x49W	197 x 1493	175 x 1480	226.08	0.65	0.30
3266Q44 84 MI	1x49W	197 x 1480	175 x 1480	226.08	0.65	0.30
3266Q44 84 MF	1x49W	197 x 1493	175 x 1480	226.08	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp	
3267Q44 84 MP	1x54W	197 x 1192	175 x 1180	237.34	0.65	0.30
3267Q44 84 MI	1x54W	197 x 1180	175 x 1180	237.34	0.65	0.30
3267Q44 84 MF	1x54W	197 x 1192	175 x 1180	237.34	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp	
3268Q44 84 MP	1x80W	197 x 1493	175 x 1480	257.04	0.65	0.30
3268Q44 84 MI	1x80W	197 x 1480	175 x 1480	257.04	0.65	0.30
3268Q44 84 MF	1x80W	197 x 1493	175 x 1480	257.04	0.65	0.30

Accessories

Ref. 1215
SCB safety cable for screen.
Standard version 1 metre length.
Made-to-measure possibility.



Ref. 1214
4 clutches set.



Ref. 1213
Flow recuperator.

Recessed screen continuous line Akri. 1 T5 lamp

Recessed screen continuous line Akri T5

Includes prismatic sealed IP65 diffuser and 1 lamp 84 and clutches.

Initial module (MP), intermediate module (MI), final module (MF)

Ref.	Watts	Measures	Ceiling module	€	lum. RAE lamp
3260P65 84 MP	1x14W	197 x 593	175 x 580	244.28	0.65 0.30
3260P65 84 MI	1x14W	197 x 580	175 x 580	244.28	0.65 0.30
3260P65 84 MF	1x14W	197 x 593	175 x 580	244.28	0.65 0.30
3261P65 84 MP	1x21W	197 x 893	175 x 880	271.64	0.65 0.30
3261P65 84 MI	1x21W	197 x 880	175 x 880	271.64	0.65 0.30
3261P65 84 MF	1x21W	197 x 893	175 x 880	271.64	0.65 0.30
3262P65 84 MP	1x24W	197 x 593	175 x 580	244.28	0.65 0.30
3262P65 84 MI	1x24W	197 x 580	175 x 580	244.28	0.65 0.30
3262P65 84 MF	1x24W	197 x 593	175 x 580	244.28	0.65 0.30
3263P65 84 MP	1x28W	197 x 1192	175 x 1180	272.09	0.65 0.30
3263P65 84 MI	1x28W	197 x 1180	175 x 1180	272.09	0.65 0.30
3263P65 84 MF	1x28W	197 x 1192	175 x 1180	272.09	0.65 0.30
3264P65 84 MP	1x35W	197 x 1493	175 x 1480	296.40	0.65 0.30
3264P65 84 MI	1x35W	197 x 1480	175 x 1480	296.40	0.65 0.30
3264P65 84 MF	1x35W	197 x 1493	175 x 1480	296.40	0.65 0.30
3265P65 84 MP	1x39W	197 x 893	175 x 880	271.67	0.65 0.30
3265P65 84 MI	1x39W	197 x 880	175 x 880	271.67	0.65 0.30
3265P65 84 MF	1x39W	197 x 893	175 x 880	271.67	0.65 0.30
3266P65 84 MP	1x49W	197 x 1493	175 x 1480	296.56	0.65 0.30
3266P65 84 MI	1x49W	197 x 1480	175 x 1480	296.56	0.65 0.30
3266P65 84 MF	1x49W	197 x 1493	175 x 1480	296.56	0.65 0.30
3267P65 84 MP	1x54W	197 x 1192	175 x 1180	272.18	0.65 0.30
3267P65 84 MI	1x54W	197 x 1180	175 x 1180	272.18	0.65 0.30
3267P65 84 MF	1x54W	197 x 1192	175 x 1180	272.18	0.65 0.30
3268P65 84 MP	1x80W	197 x 1493	175 x 1480	310.09	0.65 0.30
3268P65 84 MI	1x80W	197 x 1480	175 x 1480	310.09	0.65 0.30
3268P65 84 MF	1x80W	197 x 1493	175 x 1480	310.09	0.65 0.30

Includes opal sealed IP65 diffuser and 1 lamp 84 and clutches.

Initial module (MP), intermediate module (MI), final module (MF)

Ref.	Watts	Measures	Ceiling module	€	lum. RAE lamp
3260Q65 84 MP	1x14W	197 x 593	175 x 580	244.31	0.65 0.30
3260Q65 84 MI	1x14W	197 x 580	175 x 580	244.31	0.65 0.30
3260Q65 84 MF	1x14W	197 x 593	175 x 580	244.31	0.65 0.30
3261Q65 84 MP	1x21W	197 x 893	175 x 880	271.66	0.65 0.30
3261Q65 84 MI	1x21W	197 x 880	175 x 880	271.66	0.65 0.30
3261Q65 84 MF	1x21W	197 x 893	175 x 880	271.66	0.65 0.30
3262Q65 84 MP	1x24W	197 x 593	175 x 580	244.31	0.65 0.30
3262Q65 84 MI	1x24W	197 x 580	175 x 580	244.31	0.65 0.30
3262Q65 84 MF	1x24W	197 x 593	175 x 580	244.31	0.65 0.30
3263Q65 84 MP	1x28W	197 x 1192	175 x 1180	272.12	0.65 0.30
3263Q65 84 MI	1x28W	197 x 1180	175 x 1180	272.12	0.65 0.30
3263Q65 84 MF	1x28W	197 x 1192	175 x 1180	272.12	0.65 0.30
3264Q65 84 MP	1x35W	197 x 1493	175 x 1480	296.43	0.65 0.30
3264Q65 84 MI	1x35W	197 x 1480	175 x 1480	296.43	0.65 0.30
3264Q65 84 MF	1x35W	197 x 1493	175 x 1480	296.43	0.65 0.30
3265Q65 84 MP	1x39W	197 x 893	175 x 880	271.68	0.65 0.30
3265Q65 84 MI	1x39W	197 x 880	175 x 880	271.68	0.65 0.30
3265Q65 84 MF	1x39W	197 x 893	175 x 880	271.68	0.65 0.30
3266Q65 84 MP	1x49W	197 x 1493	175 x 1480	296.58	0.65 0.30
3266Q65 84 MI	1x49W	197 x 1480	175 x 1480	296.58	0.65 0.30
3266Q65 84 MF	1x49W	197 x 1493	175 x 1480	296.58	0.65 0.30
3267Q65 84 MP	1x54W	197 x 1192	175 x 1180	272.19	0.65 0.30
3267Q65 84 MI	1x54W	197 x 1180	175 x 1180	272.19	0.65 0.30
3267Q65 84 MF	1x54W	197 x 1192	175 x 1180	272.19	0.65 0.30
3268Q65 84 MP	1x80W	197 x 1493	175 x 1480	310.13	0.65 0.30
3268Q65 84 MI	1x80W	197 x 1480	175 x 1480	310.13	0.65 0.30
3268Q65 84 MF	1x80W	197 x 1493	175 x 1480	310.13	0.65 0.30

OPTIONS

IRC / Colour temperature

Ref. 83	830 Lamp	3000°K
Ref. 86	860 Lamp	6500°K

Rough price increase of the finished frame

Ref. 52	Lacquered screen CHROME MATT	18.00
Ref. 90	Lacquered screen TITANIUM	18.00

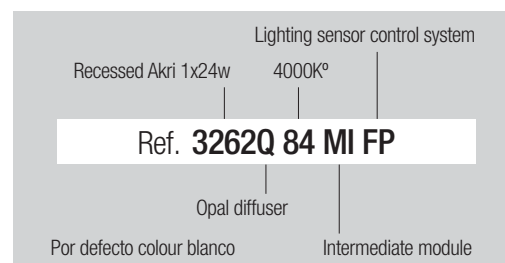
Rough increase of the control gear

Ref. BR	Dimmable ballast 1-10v	63.00
Ref. TD	Dimmable ballast Touch and Dim	65.00
Ref. CF	Lighting control system "master"	120.00
Ref. FP	Lighting sensor control system "master"	270.00
Ref. KE	Emergency kit	110.00

Rough increase of accessories

Ref. 1213	Flow recuperator	25.00
Ref. 1215	SCB safety cable	5.34
Ref. 1214	4 clutches set	2.30
Ref. WL	Wieland connector	16.30

Example to write a reference with options




**Recessed screen continuous line Enerfi.
2 T5 lamp**

Protection degree IP20 / IP44 / IP65

- Material:** Body in thermo painted steel sheet.
- Optics:** Aluminium diffusers with parabolic stripe "v" (Ref. B). Opal polycarbonate difusers (Ref. Q) or with prismatic surface (Ref. P). Polycarbonate opal difusers with IP44 (Ref. Q44) or IP65 (Ref. Q65) or prismatic surface with IP44 (Ref. P44) or IP65 (Ref. P65).
- Supply:** Control gear included in each model. We can supply as an option with dimmable ballast 1-10v (Ref. BR), dimmable ballast Touch & Dim (Ref. TD), lighting control system (Ref. CF), lighting sensor control system (Ref. FP) and emergency kit (Ref. KE).
- Lamps:** Fluorescent ultraslim T5 tubes of diameter 16 mm, supplied with 840 lamps (colour temperature: 4000°k); we can also supply with 830/865 lamps (colour temperature: 3000°k and 6500°k).
- Installation:** Recessed for ceilings that may be disassembled (sides of the fittings can be visible or hidden), ceilings made with smooth plaster or metallic ceilings.
- Accessories:** We advise you to use a flow recuperator, for a better luminous efficiency when using opal or prismatic optical glass (Ref. 1213). When sides of the fittings are not visible, are fixed on metallic ceilings or on smooth plaster, you have to use the clutchers set (Ref. 1214). It is also supplied with a SCB safety cable for recessed screens (Ref. 1215).
- Colours:** Supplied in white, as an option, in chrome matt (Ref. 52) and titanium (Ref. 90).



watts	C	D	
2x14	197	593	175x580
2x21	197	893	175x880
2x24	197	593	175x580
2x28	197	1192	175x1180
2x35	197	1493	175x1480
2x39	197	893	175x880
2x49	197	1493	175x1480
2x54	197	1192	175x1180
2x80	197	1493	175x1480



Includes par. brightness aluminium "v" diffuser, 2 lamps 84 and clutchers.
Initial module (MP), intermediate module (MI), final module (MF)

Ref.	Watts	Measures	Ceiling module	€	lum. RAEF lamp
1269 84 MP	2x14W	197 x 593	175 x 580	130.43	0.65 0.60
1269 84 MI	2x14W	197 x 580	175 x 580	130.43	0.65 0.60
1269 84 MF	2x14W	197 x 593	175 x 580	130.43	0.65 0.60

Ref.	Watts	Measures	Ceiling module	€	lum. RAEF lamp
1270 84 MP	2x21W	197 x 893	175 x 880	147.47	0.65 0.60
1270 84 MI	2x21W	197 x 880	175 x 880	147.47	0.65 0.60
1270 84 MF	2x21W	197 x 893	175 x 880	147.47	0.65 0.60

Ref.	Watts	Measures	Ceiling module	€	lum. RAEF lamp
1271 84 MP	2x24W	197 x 593	175 x 580	130.43	0.65 0.60
1271 84 MI	2x24W	197 x 580	175 x 580	130.43	0.65 0.60
1271 84 MF	2x24W	197 x 593	175 x 580	130.43	0.65 0.60

Ref.	Watts	Measures	Ceiling module	€	lum. RAEF lamp
1272 84 MP	2x28W	197 x 1192	175 x 1180	153.65	0.65 0.60
1272 84 MI	2x28W	197 x 1180	175 x 1180	153.65	0.65 0.60
1272 84 MF	2x28W	197 x 1192	175 x 1180	153.65	0.65 0.60

Ref.	Watts	Measures	Ceiling module	€	lum. RAEF lamp
1273 84 MP	2x35W	197 x 1493	175 x 1480	206.29	0.65 0.60
1273 84 MI	2x35W	197 x 1480	175 x 1480	206.29	0.65 0.60
1273 84 MF	2x35W	197 x 1493	175 x 1480	206.29	0.65 0.60

Ref.	Watts	Measures	Ceiling module	€	lum. RAEF lamp
1274 84 MP	2x39W	197 x 893	175 x 880	155.69	0.65 0.60
1274 84 MI	2x39W	197 x 880	175 x 880	155.69	0.65 0.60
1274 84 MF	2x39W	197 x 893	175 x 880	155.69	0.65 0.60

Ref.	Watts	Measures	Ceiling module	€	lum. RAEF lamp
1275 84 MP	2x49W	197 x 1493	175 x 1480	206.29	0.65 0.60
1275 84 MI	2x49W	197 x 1480	175 x 1480	206.29	0.65 0.60
1275 84 MF	2x49W	197 x 1493	175 x 1480	206.29	0.65 0.60

Ref.	Watts	Measures	Ceiling module	€	lum. RAEF lamp
1276 84 MP	2x54W	197 x 1192	175 x 1180	153.35	0.65 0.60
1276 84 MI	2x54W	197 x 1180	175 x 1180	153.35	0.65 0.60
1276 84 MF	2x54W	197 x 1192	175 x 1180	153.35	0.65 0.60

Ref.	Watts	Measures	Ceiling module	€	lum. RAEF lamp
1277 84 MP	2x80W	197 x 1493	175 x 1480	230.33	0.65 0.60
1277 84 MI	2x80W	197 x 1480	175 x 1480	230.33	0.65 0.60
1277 84 MF	2x80W	197 x 1493	175 x 1480	230.33	0.65 0.60

Recessed screen continuous line Enerfi. 2 T5 lamp



Includes prismatic diffuser, 2 lamps 84 and clutches.

Initial module (MP), intermediate module (MI), final module (MF)

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp	
1269P 84 MP	2x14W	197 x 593	175 x 580	154.12	0.65	0.60
1269P 84 MI	2x14W	197 x 580	175 x 580	154.12	0.65	0.60
1269P 84 MF	2x14W	197 x 593	175 x 580	154.12	0.65	0.60

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp	
1270P 84 MP	2x21W	197 x 893	175 x 880	188.67	0.65	0.60
1270P 84 MI	2x21W	197 x 880	175 x 880	188.67	0.65	0.60
1270P 84 MF	2x21W	197 x 893	175 x 880	188.67	0.65	0.60

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp	
1271P 84 MP	2x24W	197 x 593	175 x 580	154.12	0.65	0.60
1271P 84 MI	2x24W	197 x 580	175 x 580	154.12	0.65	0.60
1271P 84 MF	2x24W	197 x 593	175 x 580	154.12	0.65	0.60

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp	
1272P 84 MP	2x28W	197 x 1192	175 x 1180	212.36	0.65	0.60
1272P 84 MI	2x28W	197 x 1180	175 x 1180	212.36	0.65	0.60
1272P 84 MF	2x28W	197 x 1192	175 x 1180	212.36	0.65	0.60

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp	
1273P 84 MP	2x35W	197 x 1493	175 x 1480	259.85	0.65	0.60
1273P 84 MI	2x35W	197 x 1480	175 x 1480	259.85	0.65	0.60
1273P 84 MF	2x35W	197 x 1493	175 x 1480	259.85	0.65	0.60

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp	
1274P 84 MP	2x39W	197 x 893	175 x 880	195.85	0.65	0.60
1274P 84 MI	2x39W	197 x 880	175 x 880	195.85	0.65	0.60
1274P 84 MF	2x39W	197 x 893	175 x 880	195.85	0.65	0.60

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp	
1275P 84 MP	2x49W	197 x 1493	175 x 1480	259.85	0.65	0.60
1275P 84 MI	2x49W	197 x 1480	175 x 1480	259.85	0.65	0.60
1275P 84 MF	2x49W	197 x 1493	175 x 1480	259.85	0.65	0.60

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp	
1276P 84 MP	2x54W	197 x 1192	175 x 1180	212.05	0.65	0.60
1276P 84 MI	2x54W	197 x 1180	175 x 1180	212.05	0.65	0.60
1276P 84 MF	2x54W	197 x 1192	175 x 1180	212.05	0.65	0.60

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp	
1277P 84 MP	2x80W	197 x 1493	175 x 1480	280.80	0.65	0.60
1277P 84 MI	2x80W	197 x 1480	175 x 1480	280.80	0.65	0.60
1277P 84 MF	2x80W	197 x 1493	175 x 1480	280.80	0.65	0.60



Includes opal diffuser, 2 lamps 84 and clutches.

Initial module (MP), intermediate module (MI), final module (MF)

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp	
1269Q 84 MP	2x14W	197 x 593	175 x 580	154.14	0.65	0.60
1269Q 84 MI	2x14W	197 x 580	175 x 580	154.14	0.65	0.60
1269Q 84 MF	2x14W	197 x 593	175 x 580	154.14	0.65	0.60

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp	
1270Q 84 MP	2x21W	197 x 893	175 x 880	188.69	0.65	0.60
1270Q 84 MI	2x21W	197 x 880	175 x 880	188.69	0.65	0.60
1270Q 84 MF	2x21W	197 x 893	175 x 880	188.69	0.65	0.60

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp	
1271Q 84 MP	2x24W	197 x 593	175 x 580	154.14	0.65	0.60
1271Q 84 MI	2x24W	197 x 580	175 x 580	154.14	0.65	0.60
1271Q 84 MF	2x24W	197 x 593	175 x 580	154.14	0.65	0.60

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp	
1272Q 84 MP	2x28W	197 x 1192	175 x 1180	212.38	0.65	0.60
1272Q 84 MI	2x28W	197 x 1180	175 x 1180	212.38	0.65	0.60
1272Q 84 MF	2x28W	197 x 1192	175 x 1180	212.38	0.65	0.60

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp	
1273Q 84 MP	2x35W	197 x 1493	175 x 1480	259.87	0.65	0.60
1273Q 84 MI	2x35W	197 x 1480	175 x 1480	259.87	0.65	0.60
1273Q 84 MF	2x35W	197 x 1493	175 x 1480	259.87	0.65	0.60

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp	
1274Q 84 MP	2x39W	197 x 893	175 x 880	195.88	0.65	0.60
1274Q 84 MI	2x39W	197 x 880	175 x 880	195.88	0.65	0.60
1274Q 84 MF	2x39W	197 x 893	175 x 880	195.88	0.65	0.60

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp	
1275Q 84 MP	2x49W	197 x 1493	175 x 1480	259.87	0.65	0.60
1275Q 84 MI	2x49W	197 x 1480	175 x 1480	259.87	0.65	0.60
1275Q 84 MF	2x49W	197 x 1493	175 x 1480	259.87	0.65	0.60

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp	
1276Q 84 MP	2x54W	197 x 1192	175 x 1180	212.08	0.65	0.60
1276Q 84 MI	2x54W	197 x 1180	175 x 1180	212.08	0.65	0.60
1276Q 84 MF	2x54W	197 x 1192	175 x 1180	212.08	0.65	0.60

Ref.	Watts	Measures	Ceiling module	€	lum. ^{RAEE} lamp	
1277Q 84 MP	2x80W	197 x 1493	175 x 1480	280.82	0.65	0.60
1277Q 84 MI	2x80W	197 x 1480	175 x 1480	280.82	0.65	0.60
1277Q 84 MF	2x80W	197 x 1493	175 x 1480	280.82	0.65	0.60

Recessed screen continuous line Enerfi. 2 T5 lamp

Includes prismatic diffuser IP44, 2 lamps 84 and clutches.

Initial module (MP), intermediate module (MI), final module (MF)

Ref.	Watts	Measures	Ceiling module	€	lum.	RAEE lamp
1269P44 84 MP	2x14W	197 x 593	175 x 580	213.99	0.65	0.60
1269P44 84 MI	2x14W	197 x 580	175 x 580	213.99	0.65	0.60
1269P44 84 MF	2x14W	197 x 593	175 x 580	213.99	0.65	0.60

Ref.	Watts	Measures	Ceiling module	€	lum.	RAEE lamp
1270P44 84 MP	2x21W	197 x 893	175 x 880	261.04	0.65	0.60
1270P44 84 MI	2x21W	197 x 880	175 x 880	261.04	0.65	0.60
1270P44 84 MF	2x21W	197 x 893	175 x 880	261.04	0.65	0.60

Ref.	Watts	Measures	Ceiling module	€	lum.	RAEE lamp
1271P44 84 MP	2x24W	197 x 593	175 x 580	213.99	0.65	0.60
1271P44 84 MI	2x24W	197 x 580	175 x 580	213.99	0.65	0.60
1271P44 84 MF	2x24W	197 x 593	175 x 580	213.99	0.65	0.60

Ref.	Watts	Measures	Ceiling module	€	lum.	RAEE lamp
1272P44 84 MP	2x28W	197 x 1192	175 x 1180	294.51	0.65	0.60
1272P44 84 MI	2x28W	197 x 1180	175 x 1180	294.51	0.65	0.60
1272P44 84 MF	2x28W	197 x 1192	175 x 1180	294.51	0.65	0.60

Ref.	Watts	Measures	Ceiling module	€	lum.	RAEE lamp
1273P44 84 MP	2x35W	197 x 1493	175 x 1480	360.30	0.65	0.60
1273P44 84 MI	2x35W	197 x 1480	175 x 1480	360.30	0.65	0.60
1273P44 84 MF	2x35W	197 x 1493	175 x 1480	360.30	0.65	0.60

Ref.	Watts	Measures	Ceiling module	€	lum.	RAEE lamp
1274P44 84 MP	2x39W	197 x 893	175 x 880	271.30	0.65	0.60
1274P44 84 MI	2x39W	197 x 880	175 x 880	271.30	0.65	0.60
1274P44 84 MF	2x39W	197 x 893	175 x 880	271.30	0.65	0.60

Ref.	Watts	Measures	Ceiling module	€	lum.	RAEE lamp
1275P44 84 MP	2x49W	197 x 1493	175 x 1480	360.30	0.65	0.60
1275P44 84 MI	2x49W	197 x 1480	175 x 1480	360.30	0.65	0.60
1275P44 84 MF	2x49W	197 x 1493	175 x 1480	360.30	0.65	0.60

Ref.	Watts	Measures	Ceiling module	€	lum.	RAEE lamp
1276P44 84 MP	2x54W	197 x 1192	175 x 1180	294.13	0.65	0.60
1276P44 84 MI	2x54W	197 x 1180	175 x 1180	294.13	0.65	0.60
1276P44 84 MF	2x54W	197 x 1192	175 x 1180	294.13	0.65	0.60

Ref.	Watts	Measures	Ceiling module	€	lum.	RAEE lamp
1277P44 84 MP	2x80W	197 x 1493	175 x 1480	360.36	0.65	0.60
1277P44 84 MI	2x80W	197 x 1480	175 x 1480	360.36	0.65	0.60
1277P44 84 MF	2x80W	197 x 1493	175 x 1480	360.36	0.65	0.60

Includes opal IP44 diffuser, 2 lamps 84 and clutches.

Initial module (MP), intermediate module (MI), final module (MF)

Ref.	Watts	Measures	Ceiling module	€	lum.	RAEE lamp
1269Q44 84 MP	2x14W	197 x 593	175 x 580	214.00	0.65	0.60
1269Q44 84 MI	2x14W	197 x 580	175 x 580	214.00	0.65	0.60
1269Q44 84 MF	2x14W	197 x 593	175 x 580	214.00	0.65	0.60

Ref.	Watts	Measures	Ceiling module	€	lum.	RAEE lamp
1270Q44 84 MP	2x21W	197 x 893	175 x 880	261.05	0.65	0.60
1270Q44 84 MI	2x21W	197 x 880	175 x 880	261.05	0.65	0.60
1270Q44 84 MF	2x21W	197 x 893	175 x 880	261.05	0.65	0.60

Ref.	Watts	Measures	Ceiling module	€	lum.	RAEE lamp
1271Q44 84 MP	2x24W	197 x 593	175 x 580	214.00	0.65	0.60
1271Q44 84 MI	2x24W	197 x 580	175 x 580	214.00	0.65	0.60
1271Q44 84 MF	2x24W	197 x 593	175 x 580	214.00	0.65	0.60

Ref.	Watts	Measures	Ceiling module	€	lum.	RAEE lamp
1272Q44 84 MP	2x28W	197 x 1192	175 x 1180	294.53	0.65	0.60
1272Q44 84 MI	2x28W	197 x 1180	175 x 1180	294.53	0.65	0.60
1272Q44 84 MF	2x28W	197 x 1192	175 x 1180	294.53	0.65	0.60

Ref.	Watts	Measures	Ceiling module	€	lum.	RAEE lamp
1273Q44 84 MP	2x35W	197 x 1493	175 x 1480	360.32	0.65	0.60
1273Q44 84 MI	2x35W	197 x 1480	175 x 1480	360.32	0.65	0.60
1273Q44 84 MF	2x35W	197 x 1493	175 x 1480	360.32	0.65	0.60

Ref.	Watts	Measures	Ceiling module	€	lum.	RAEE lamp
1274Q44 84 MP	2x39W	197 x 893	175 x 880	271.31	0.65	0.60
1274Q44 84 MI	2x39W	197 x 880	175 x 880	271.31	0.65	0.60
1274Q44 84 MF	2x39W	197 x 893	175 x 880	271.31	0.65	0.60

Ref.	Watts	Measures	Ceiling module	€	lum.	RAEE lamp
1275Q44 84 MP	2x49W	197 x 1493	175 x 1480	360.32	0.65	0.60
1275Q44 84 MI	2x49W	197 x 1480	175 x 1480	360.32	0.65	0.60
1275Q44 84 MF	2x49W	197 x 1493	175 x 1480	360.32	0.65	0.60

Ref.	Watts	Measures	Ceiling module	€	lum.	RAEE lamp
1276Q44 84 MP	2x54W	197 x 1192	175 x 1180	294.14	0.65	0.60
1276Q44 84 MI	2x54W	197 x 1180	175 x 1180	294.14	0.65	0.60
1276Q44 84 MF	2x54W	197 x 1192	175 x 1180	294.14	0.65	0.60

Ref.	Watts	Measures	Ceiling module	€	lum.	RAEE lamp
1277Q44 84 MP	2x80W	197 x 1493	175 x 1480	360.38	0.65	0.60
1277Q44 84 MI	2x80W	197 x 1480	175 x 1480	360.38	0.65	0.60
1277Q44 84 MF	2x80W	197 x 1493	175 x 1480	360.38	0.65	0.60

Accessories

Ref. 1215
SCB safety cable for screen.
Standard version 1 metre length.
Made-to-measure possibility.



Ref. 1214
4 clutches set.



Ref. 1213
Flow recuperator.

Recessed screen continuous line Enerfi. 2 T5 lamp

Recessed Enerfi linea continua. 2xT5

Includes prismatic sealed IP65 diffuser, 2 lamps 84 and clutches.

Initial module (MP), intermediate module (MI), final module (MF)

Ref.	Watts	Measures	Ceiling module	€	lum.	RAEE lamp
1269P65 84 MP	2x14W	197 x 593	175 x 580	290.18	0.65	0.60
1269P65 84 MI	2x14W	197 x 580	175 x 580	290.18	0.65	0.60
1269P65 84 MF	2x14W	197 x 593	175 x 580	290.18	0.65	0.60
1270P65 84 MP	2x21W	197 x 893	175 x 880	354.20	0.65	0.60
1270P65 84 MI	2x21W	197 x 880	175 x 880	354.20	0.65	0.60
1270P65 84 MF	2x21W	197 x 893	175 x 880	354.20	0.65	0.60
1271P65 84 MP	2x24W	197 x 593	175 x 580	290.18	0.65	0.60
1271P65 84 MI	2x24W	197 x 580	175 x 580	290.18	0.65	0.60
1271P65 84 MF	2x24W	197 x 593	175 x 580	290.18	0.65	0.60
1272P65 84 MP	2x28W	197 x 1192	175 x 1180	399.72	0.65	0.60
1272P65 84 MI	2x28W	197 x 1180	175 x 1180	399.72	0.65	0.60
1272P65 84 MF	2x28W	197 x 1192	175 x 1180	399.72	0.65	0.60
1273P65 84 MP	2x35W	197 x 1493	175 x 1480	442.86	0.65	0.60
1273P65 84 MI	2x35W	197 x 1480	175 x 1480	442.86	0.65	0.60
1273P65 84 MF	2x35W	197 x 1493	175 x 1480	442.86	0.65	0.60
1274P65 84 MP	2x39W	197 x 893	175 x 880	368.15	0.65	0.60
1274P65 84 MI	2x39W	197 x 880	175 x 880	368.15	0.65	0.60
1274P65 84 MF	2x39W	197 x 893	175 x 880	368.15	0.65	0.60
1275P65 84 MP	2x49W	197 x 1493	175 x 1480	442.86	0.65	0.60
1275P65 84 MI	2x49W	197 x 1480	175 x 1480	442.86	0.65	0.60
1275P65 84 MF	2x49W	197 x 1493	175 x 1480	442.86	0.65	0.60
1276P65 84 MP	2x54W	197 x 1192	175 x 1180	399.20	0.65	0.60
1276P65 84 MI	2x54W	197 x 1180	175 x 1180	399.20	0.65	0.60
1276P65 84 MF	2x54W	197 x 1192	175 x 1180	399.20	0.65	0.60
1277P65 84 MP	2x80W	197 x 1493	175 x 1480	530.09	0.65	0.60
1277P65 84 MI	2x80W	197 x 1480	175 x 1480	530.09	0.65	0.60
1277P65 84 MF	2x80W	197 x 1493	175 x 1480	530.09	0.65	0.60

Includes opal sealed IP65 diffuser, 2 lamps 84 and clutches.

Initial module (MP), intermediate module (MI), final module (MF)

Ref.	Watts	Measures	Ceiling module	€	lum.	RAEE lamp
1269Q65 84 MP	2x14W	197 x 593	175 x 580	290.20	0.65	0.60
1269Q65 84 MI	2x14W	197 x 580	175 x 580	290.20	0.65	0.60
1269Q65 84 MF	2x14W	197 x 593	175 x 580	290.20	0.65	0.60
1270Q65 84 MP	2x21W	197 x 893	175 x 880	354.22	0.65	0.60
1270Q65 84 MI	2x21W	197 x 880	175 x 880	354.22	0.65	0.60
1270Q65 84 MF	2x21W	197 x 893	175 x 880	354.22	0.65	0.60
1271Q65 84 MP	2x24W	197 x 593	175 x 580	290.20	0.65	0.60
1271Q65 84 MI	2x24W	197 x 580	175 x 580	290.20	0.65	0.60
1271Q65 84 MF	2x24W	197 x 593	175 x 580	290.20	0.65	0.60
1272Q65 84 MP	2x28W	197 x 1192	175 x 1180	399.74	0.65	0.60
1272Q65 84 MI	2x28W	197 x 1180	175 x 1180	399.74	0.65	0.60
1272Q65 84 MF	2x28W	197 x 1192	175 x 1180	399.74	0.65	0.60
1273Q65 84 MP	2x35W	197 x 1493	175 x 1480	442.88	0.65	0.60
1273Q65 84 MI	2x35W	197 x 1480	175 x 1480	442.88	0.65	0.60
1273Q65 84 MF	2x35W	197 x 1493	175 x 1480	442.88	0.65	0.60
1274Q65 84 MP	2x39W	197 x 893	175 x 880	368.17	0.65	0.60
1274Q65 84 MI	2x39W	197 x 880	175 x 880	368.17	0.65	0.60
1274Q65 84 MF	2x39W	197 x 893	175 x 880	368.17	0.65	0.60
1275Q65 84 MP	2x49W	197 x 1493	175 x 1480	442.88	0.65	0.60
1275Q65 84 MI	2x49W	197 x 1480	175 x 1480	442.88	0.65	0.60
1275Q65 84 MF	2x49W	197 x 1493	175 x 1480	442.88	0.65	0.60
1276Q65 84 MP	2x54W	197 x 1192	175 x 1180	399.22	0.65	0.60
1276Q65 84 MI	2x54W	197 x 1180	175 x 1180	399.22	0.65	0.60
1276Q65 84 MF	2x54W	197 x 1192	175 x 1180	399.22	0.65	0.60
1277Q65 84 MP	2x80W	197 x 1493	175 x 1480	530.11	0.65	0.60
1277Q65 84 MI	2x80W	197 x 1480	175 x 1480	530.11	0.65	0.60
1277Q65 84 MF	2x80W	197 x 1493	175 x 1480	530.11	0.65	0.60

OPTIONS

IRC / Colour temperature

Ref. 83	830 Lamp	3000°K
Ref. 86	860 Lamp	6500°K

Rough price increase of the finished frame

Ref. 52	Lacquered screen CHROME MATT	18.00
Ref. 90	Lacquered screen TITANIUM	18.00

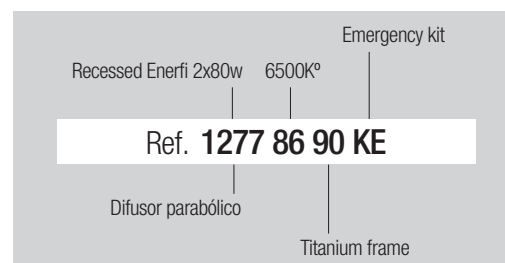
Rough increase of the control gear

Ref. BR	Dimmable ballast 1-10v	74.00
Ref. TD	Dimmable ballast Touch and Dim	80.00
Ref. CF	Lighting control system "master"	135.00
Ref. FP	Lighting sensor control system "master"	270.00
Ref. KE	Emergency kit	110.00

Rough increase of accessories

Ref. 1213	Flow recuperator	25.00
Ref. 1215	SCB safety cable	5.34
Ref. 1214	4 clutches set	2.30

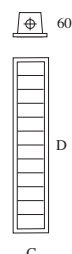
Example to write a reference with options



Asymmetrical polyvalent recessed Enerfi. 1 T5 lamp

Protection degree IP20

Material:	Body in thermo painted steel sheet.
Optics:	Asymmetrical aluminium mirror reflector
Supply:	Control gear included in each model. We can supply as an option with dimmable ballast 1-10v (Ref. BR), dimmable ballast Touch & Dim (Ref. TD), lighting control system (Ref. CF), lighting sensor control system (Ref. FP) and emergency kit (Ref. KE).
Lamps:	Fluorescent ultraslim T5 tubes of diameter 16 mm, supplied with 840 lamps (colour temperature: 4000°k); we can also supply with 830/865 lamps (colour temperature: 3000°k and 6500°k).
Installation:	Recessed for ceilings that may be disassembled (sides of the fittings can be visible or hidden), ceilings made with smooth plaster or metallic ceilings.
Accessories:	When sides of the fittings are not visible, are fixed on metallic ceilings or on smooth plaster, you have to use the clutches set (Ref. 1214). It is also supplied with a SCB safety cable for recessed screens (Ref. 1215).
Colours:	Supplied in white, as an option, in chrome matt (Ref. 52) and titanium (Ref. 90).



watts	C	D	
1x14	197	593	175x580
1x21	197	893	175x880
1x24	197	593	175x580
1x28	197	1192	175x1180
1x35	197	1493	175x1480
1x39	197	893	175x880
1x49	197	1493	175x1480
1x54	197	1192	175x1180
1x80	197	1493	175x1480

Includes asymmetrical reflector, 1 lamp 84 and clutches.

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
1216NS 84	1x14W	197 x 593	175 x 580	111.86	0.65	0.30
1217NS 84	1x21W	197 x 893	175 x 880	124.25	0.65	0.30
1218NS 84	1x24W	197 x 593	175 x 580	111.86	0.65	0.30
1220NS 84	1x28W	197 x 1192	175 x 1180	124.25	0.65	0.30
1221NS 84	1x35W	197 x 1493	175 x 1480	135.33	0.65	0.30
1222NS 84	1x39W	197 x 893	175 x 880	124.25	0.65	0.30
1223NS 84	1x49W	197 x 1493	175 x 1480	135.33	0.65	0.30
1224NS 84	1x54W	197 x 1192	175 x 1180	124.25	0.65	0.30
1225NS 84	1x80W	197 x 1493	175 x 1480	141.14	0.65	0.30



OPTIONS

IRC / Colour temperature

Ref. 83	830 Lamp	3000°K
Ref. 86	860 Lamp	6500°K

Rough price increase of the finished frame

Ref.	Description	€
Ref. 52	Lacquered screen CHROME MATT	18.00
Ref. 90	Lacquered screen TITANIUM	18.00

Rough increase of the control gear

Ref.	Description	€	1 lamp
Ref. BR	Dimmable ballast 1-10v		63.00
Ref. TD	Dimmable ballast Touch and Dim		65.00
Ref. CF	Lighting control system "master"		120.00
Ref. FP	Lighting sensor control system "master"		270.00
Ref. KE	Emergency kit	110.00	

Rough increase of accessories


Ref.	Description	€
Ref. 1215	SCB safety cable	5.34
Ref. 1214	4 clutches set	2.30
Ref. WL	Wieland connector	16.30

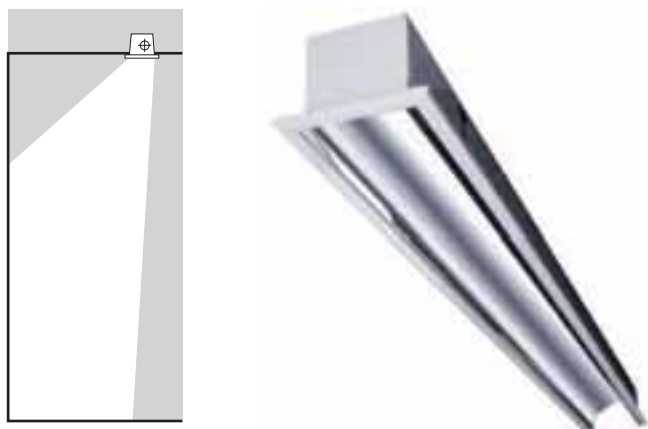
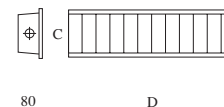
Enerfi 1 lamp Asimétricos (bañador of pared). T5

Asymmetrical continuous line recessed Enerfi. 1 T5 lamp

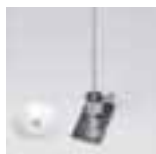
Protection degree IP20

- Material:** Body in thermo painted steel sheet.
- Optics:** Asymmetrical aluminium mirror reflector
- Supply:** Control gear included in each model. We can supply as an option with dimmable ballast 1-10v (Ref. BR), dimmable ballast Touch & Dim (Ref. TD), lighting control system (Ref. CF), lighting sensor control system (Ref. FP) and emergency kit (Ref. KE).
- Lamps:** Fluorescent ultraslim T5 tubes of diameter 16 mm, supplied with 840 lamps (colour temperature: 4000°k); we can also supply with 830/865 lamps (colour temperature: 3000°k and 6500°k).
- Installation:** Recessed for ceilings that may be disassembled (sides of the fittings can be visible or hidden), ceilings made with smooth plaster or metallic ceilings.
- Accessories:** When sides of the fittings are not visible, are fixed on metallic ceilings or on smooth plaster, you have to use the clutchers set (Ref. 1214). It is also supplied with a SCB safety cable for recessed screens (Ref. 1215).
- Colours:** Supplied in white, as an option, in chrome matt (Ref. 52) and titanium (Ref. 90).

watts	C	D	
1x14	197	593	175x580
1x21	197	893	175x880
1x24	197	593	175x580
1x28	197	1192	175x1180
1x35	197	1493	175x1480
1x39	197	893	175x880
1x49	197	1493	175x1480
1x54	197	1192	175x1180
1x80	197	1493	175x1480



Accessories

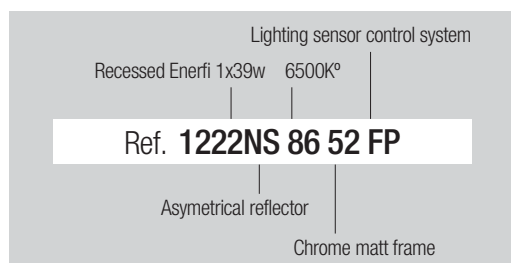


Ref. 1215
SCB safety cable for screen.
Standard version 1 metre length.
Made-to-measure possibility.



Ref. 1214
4 clutchers set.

Example to write a reference with options



Includes asymmetrical reflector, 1 lamp 84 and clutchers.

Initial module (MP), intermediate module (MI), final module (MF)

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
1260NS 84 MP	1x14W	197 x 593	175 x 580	117.22	0.65	0.30
1260NS 84 MI	1x14W	197 x 580	175 x 580	117.22	0.65	0.30
1260NS 84 MF	1x14W	197 x 593	175 x 580	117.22	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
1261NS 84 MP	1x21W	197 x 893	175 x 880	130.09	0.65	0.30
1261NS 84 MI	1x21W	197 x 880	175 x 880	130.09	0.65	0.30
1261NS 84 MF	1x21W	197 x 893	175 x 880	130.09	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
1262NS 84 MP	1x24W	197 x 593	175 x 580	117.22	0.65	0.30
1262NS 84 MI	1x24W	197 x 580	175 x 580	117.22	0.65	0.30
1262NS 84 MF	1x24W	197 x 593	175 x 580	117.22	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
1263NS 84 MP	1x28W	197 x 1192	175 x 1180	130.09	0.65	0.30
1263NS 84 MI	1x28W	197 x 1180	175 x 1180	130.09	0.65	0.30
1263NS 84 MF	1x28W	197 x 1192	175 x 1180	130.09	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
1264NS 84 MP	1x35W	197 x 1493	175 x 1480	141.71	0.65	0.30
1264NS 84 MI	1x35W	197 x 1480	175 x 1480	141.71	0.65	0.30
1264NS 84 MF	1x35W	197 x 1493	175 x 1480	141.71	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
1265NS 84 MP	1x39W	197 x 893	175 x 880	130.09	0.65	0.30
1265NS 84 MI	1x39W	197 x 880	175 x 880	130.09	0.65	0.30
1265NS 84 MF	1x39W	197 x 893	175 x 880	130.09	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
1266NS 84 MP	1x49W	197 x 1493	175 x 1480	141.84	0.65	0.30
1266NS 84 MI	1x49W	197 x 1480	175 x 1480	141.84	0.65	0.30
1266NS 84 MF	1x49W	197 x 1493	175 x 1480	141.84	0.65	0.30

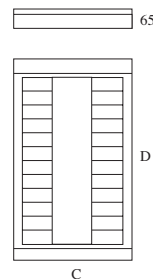
Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
1267NS 84 MP	1x54W	197 x 1192	175 x 1180	130.33	0.65	0.30
1267NS 84 MI	1x54W	197 x 1180	175 x 1180	130.33	0.65	0.30
1267NS 84 MF	1x54W	197 x 1192	175 x 1180	130.33	0.65	0.30

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
1268NS 84 MP	1x80W	197 x 1493	175 x 1480	148.17	0.65	0.30
1268NS 84 MI	1x80W	197 x 1480	175 x 1480	148.17	0.65	0.30
1268NS 84 MF	1x80W	197 x 1493	175 x 1480	148.17	0.65	0.30

Screen surface Enerfi. 2 T5 lamp

Protection degree IP20 / IP44 / IP65

- Material:** Body in thermo painted steel sheet.
- Optics:** Aluminium diffusers with parabolic stripe "v" (Ref. B) and low brightness (double parabolic) (Ref. Z). Micro punch diffuser (Ref. M). Opal polycarbonate difusers (Ref. Q) or with prismatic surface (Ref. P). Polycarbonate opal diffusers with IP44 (Ref. Q44) or IP65 (Ref. Q65) or prismatic surface with IP44 (Ref. P44) or IP65 (Ref. P65).
- Supply:** Control gear included in each model. We can supply as an option with dimmable ballast 1-10v (Ref. BR), dimmable ballast Touch & Dim (Ref. TD), lighting control system (Ref. CF), lighting sensor control system (Ref. FP) and emergency kit (Ref. KE).
- Lamps:** Fluorescent ultraslim T5 tubes of diameter 16 mm, supplied with 840 lamps (colour temperature: 4000°k); we can also supply with 830/865 lamps (colour temperature: 3000°k and 6500°k).
- Installation:** Directly screw on ceilings (screw not included) or hang up with a suspension kit (Ref 1211).
- Accessories:** We can customise the diffuser with the logo firm (printed in four colour process) (Ref. L). We advise you to use a flow recuperator, for a better luminous efficiency when using opal or prismatic optical glass (Ref. 1213).
- Colours:** Supplied in white, as an option, in chrome matt (Ref. 52) and titanium (Ref. 90).



watts	C	D
2x14	330	600
2x24	330	600
2x28	330	1200
2x54	330	1200
2x35	330	1500
2x49	330	1500
2x80	330	1500

Includes parab. brightness aluminium "v" diffuser, 2 lamps 84 and clutches.

Ref.	Watts	Measures	€	RAEE lum. lamp	
1241 84	2x14W	330 x 600	151.97	0.65	0.60
1242 84	2x24W	330 x 600	151.97	0.65	0.60
1243 84	2x28W	330 x 1200	175.13	0.65	0.60
1244 84	2x35W	330 x 1500	269.79	0.65	0.60
1245 84	2x49W	330 x 1500	269.79	0.65	0.60
1246 84	2x54W	330 x 1200	227.66	0.65	0.60
1247 84	2x80W	330 x 1500	296.35	0.65	0.60



Includes low brightness diffuser (double parabolic), 2 lamps 84 and clutches.

Ref.	Watts	Measures	€	RAEE lum. lamp	
1241Z 84	2x14W	330 x 600	179.32	0.65	0.60
1242Z 84	2x24W	330 x 600	179.32	0.65	0.60
1243Z 84	2x28W	330 x 1200	204.35	0.65	0.60
1244Z 84	2x35W	330 x 1500	307.55	0.65	0.60
1245Z 84	2x49W	330 x 1500	307.55	0.65	0.60
1246Z 84	2x54W	330 x 1200	264.40	0.65	0.60
1247Z 84	2x80W	330 x 1500	346.28	0.65	0.60

Screen surface Enerfi. 2 T5 lamp

Includes prismatic diffuser, 2 lamps 84.

Ref.	Watts	Measures	€	RAEE	
				lum.	lamp
1241P 84	2x14W	330 x 600	168.50	0.65	0.60
1242P 84	2x24W	330 x 600	168.50	0.65	0.60
1243P 84	2x28W	330 x 1200	231.75	0.65	0.60
1244P 84	2x35W	330 x 1500	315.18	0.65	0.60
1245P 84	2x49W	330 x 1500	318.30	0.65	0.60
1246P 84	2x54W	330 x 1200	276.64	0.65	0.60
1247P 84	2x80W	330 x 1500	332.07	0.65	0.60

Includes opal diffuser, 2 lamps 84.

Ref.	Watts	Measures	€	RAEE	
				lum.	lamp
1241Q 84	2x14W	330 x 600	169.74	0.65	0.60
1242Q 84	2x24W	330 x 600	169.74	0.65	0.60
1243Q 84	2x28W	330 x 1200	232.88	0.65	0.60
1244Q 84	2x35W	330 x 1500	316.82	0.65	0.60
1245Q 84	2x49W	330 x 1500	316.82	0.65	0.60
1246Q 84	2x54W	330 x 1200	276.96	0.65	0.60
1247Q 84	2x80W	330 x 1500	332.27	0.65	0.60

Includes prismatic diffuser IP44, 2 lamps 84.

Ref.	Watts	Measures	€	RAEE	
				lum.	lamp
1241P44 84	2x14W	330 x 600	237.00	0.65	0.60
1242P44 84	2x24W	330 x 600	237.00	0.65	0.60
1243P44 84	2x28W	330 x 1200	327.02	0.65	0.60
1244P44 84	2x35W	330 x 1500	443.00	0.65	0.60
1245P44 84	2x49W	330 x 1500	443.00	0.65	0.60
1246P44 84	2x54W	330 x 1200	384.96	0.65	0.60
1247P44 84	2x80W	330 x 1500	463.50	0.65	0.60

Includes opal IP44 diffuser, 2 lamps 84.

Ref.	Watts	Measures	€	RAEE	
				lum.	lamp
1241Q44 84	2x14W	330 x 600	239.16	0.65	0.60
1242Q44 84	2x24W	330 x 600	239.16	0.65	0.60
1243Q44 84	2x28W	330 x 1200	328.36	0.65	0.60
1244Q44 84	2x35W	330 x 1500	445.16	0.65	0.60
1245Q44 84	2x49W	330 x 1500	445.16	0.65	0.60
1246Q44 84	2x54W	330 x 1200	386.66	0.65	0.60
1247Q44 84	2x80W	330 x 1500	465.56	0.65	0.60

Includes prismatic sealed IP65 diffuser, 2 lamps 84.

Ref.	Watts	Measures	€	RAEE	
				lum.	lamp
1241P65 84	2x14W	330 x 600	326.30	0.65	0.60
1242P65 84	2x24W	330 x 600	326.30	0.65	0.60
1243P65 84	2x28W	330 x 1200	445.37	0.65	0.60
1244P65 84	2x35W	330 x 1500	602.34	0.65	0.60
1245P65 84	2x49W	330 x 1500	602.34	0.65	0.60
1246P65 84	2x54W	330 x 1200	513.04	0.65	0.60
1247P65 84	2x80W	330 x 1500	616.04	0.65	0.60

Includes opal sealed IP65 diffuser, 2 lamps 84.

Ref.	Watts	Measures	€	RAEE	
				lum.	lamp
1241Q65 84	2x14W	330 x 600	327.64	0.65	0.60
1242Q65 84	2x24W	330 x 600	327.64	0.65	0.60
1243Q65 84	2x28W	330 x 1200	447.63	0.65	0.60
1244Q65 84	2x35W	330 x 1500	603.68	0.65	0.60
1245Q65 84	2x49W	330 x 1500	603.68	0.65	0.60
1246Q65 84	2x54W	330 x 1200	514.58	0.65	0.60
1247Q65 84	2x80W	330 x 1500	617.17	0.65	0.60



OPTIONS

IRC / Colour temperature

Ref. 83	830 Lamp	3000°K
Ref. 86	860 Lamp	6500°K

Rough price increase of the finished frame

Ref.	Description	€
Ref. 52	Lacquered screen CHROME MATT	18.00
Ref. 90	Lacquered screen TITANIUM	18.00

Rough increase of the control gear

Ref.	Description	€	2 lamps
Ref. BR	Dimmable ballast 1-10v		74.00
Ref. TD	Dimmable ballast Touch and Dim		80.00
Ref. CF	Lighting control system "master"		135.00
Ref. FP	Lighting sensor control system "master"		270.00
Ref. KE	Emergency kit	110.00	

Rough increase of accessories

Ref.	Description	€
Ref. 1213	Flow recuperator	25.00
Ref. L	Customised logo printed in four colour process	15.00
Ref. M	Micro punch diffuser	10.00
Ref. 1211	Suspension kit	26.80
Ref. WL	Wieland connector	16.30



Ref. M
Micro punch diffuser.



Ref. L
Customised logo printed in four colour process.

Accessories

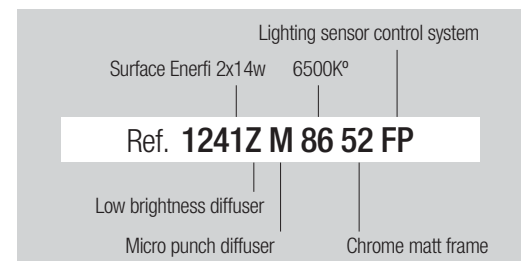


Ref. 1213
Flow recuperator.



Ref. 1211
Suspension kit.
Standard version 1 metre length.
Made-to-measure possibility.

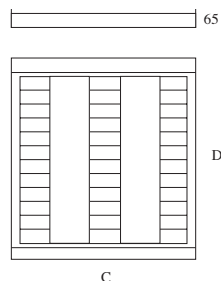
Example to write a reference with options



Screen surface Enerfi. 3 T5 lamp

Protection degree IP20 / IP44

- Material:** Body in thermo painted steel sheet.
- Optics:** Aluminium diffusers with parabolic stripe "v" (Ref. B) and low brightness (double parabolic) (Ref. Z). Micro punch diffuser (Ref. M). Opal polycarbonate difusers (Ref. Q) or with prismatic surface (Ref. P). Polycarbonate opal diffusers with IP44 (Ref. Q44) or IP65 (Ref. Q65) or prismatic surface with IP44 (Ref. P44) or IP65 (Ref. P65).
- Supply:** Control gear included in each model. We can supply as an option with dimmable ballast 1-10v (Ref. BR), dimmable ballast Touch & Dim (Ref. TD), lighting control system (Ref. CF), lighting sensor control system (Ref. FP) and emergency kit (Ref. KE).
- Lamps:** Fluorescent ultraslim T5 tubes of diameter 16 mm, supplied with 840 lamps (colour temperature: 4000°k); we can also supply with 830/865 lamps (colour temperature: 3000°k and 6500°k).
- Installation:** Directly screw on ceilings (screw not included) or hang up with a suspension kit (Ref 1211).
- Accessories:** We can customise the diffuser with the logo firm (printed in four colour process) (Ref. L). We advise you to use a flow recuperator, for a better luminous efficiency when using opal or prismatic optical glass (Ref. 1213).
- Colours:** Supplied in white, as an option, in chrome matt (Ref. 52) and titanium (Ref. 90).



watts	C	D
3x14	630	600
3x24	630	600
3x28	630	1200
3x54	630	1200

Includes parab. brightness aluminium "v" diffuser, 3 lamps 84.

Ref.	Watts	Measures	€	RAEE	
				lum.	lamp
1248 84	3x14W	630 x 600	189.90	0.65	0.90
1249 84	3x24W	630 x 600	190.17	0.65	0.90
1250 84	3x28W	630 x 1200	247.23	0.65	0.90
1251 84	3x54W	630 x 1200	247.23	0.65	0.90

Includes low brightness diffuser (double parabolic), 3 lamps 84.

Ref.	Watts	Measures	€	RAEE	
				lum.	lamp
1248Z 84	3x14W	630 x 600	224.64	0.65	0.90
1249Z 84	3x24W	630 x 600	224.64	0.65	0.90
1250Z 84	3x28W	630 x 1200	291.69	0.65	0.90
1251Z 84	3x54W	630 x 1200	291.69	0.65	0.90



Screen surface Enerfi. 3 T5 lamp

Includes prismatic diffuser, 3 lamps 84.

Ref.	Watts	Measures	€	lum.	RAEE lamp
1248P 84	3x14W	630 x 600	218.66	0.65	0.90
1249P 84	3x24W	630 x 600	218.66	0.65	0.90
1250P 84	3x28W	630 x 1200	308.07	0.65	0.90
1251P 84	3x54W	630 x 1200	308.07	0.65	0.90

Includes opal diffuser, 3 lamps 84.

Ref.	Watts	Measures	€	lum.	RAEE lamp
1248Q 84	3x14W	630 x 600	218.77	0.65	0.90
1249Q 84	3x24W	630 x 600	218.77	0.65	0.90
1250Q 84	3x28W	630 x 1200	308.17	0.65	0.90
1251Q 84	3x54W	630 x 1200	308.17	0.65	0.90

Includes prismatic diffuser IP44, 3 lamps 84.

Ref.	Watts	Measures	€	lum.	RAEE lamp
1248P44 84	3x14W	630 x 600	290.97	0.65	0.90
1249P44 84	3x24W	630 x 600	290.97	0.65	0.90
1250P44 84	3x28W	630 x 1200	408.00	0.65	0.90
1251P44 84	3x54W	630 x 1200	408.00	0.65	0.90

Includes opal IP44 diffuser, 3 lamps 84.

Ref.	Watts	Measures	€	lum.	RAEE lamp
1248Q44 84	3x14W	630 x 600	292.62	0.65	0.90
1249Q44 84	3x24W	630 x 600	292.62	0.65	0.90
1250Q44 84	3x28W	630 x 1200	409.01	0.65	0.90
1251Q44 84	3x54W	630 x 1200	409.01	0.65	0.90



Accessories



Ref. 1211
Suspension kit.
Standard version 1 metre length.
Made-to-measure possibility.



Ref. 1213
Flow recuperator.



Ref. M
Micro punch diffuser.



Ref. L
Customised logo printed in four
colour process.

OPTIONS

IRC / Colour temperature

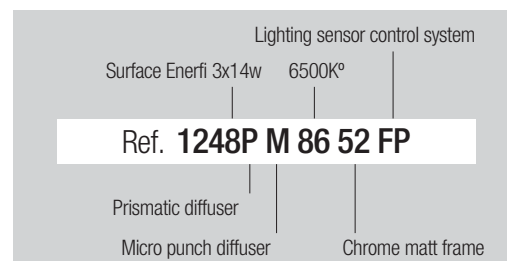
Ref. 83	830 / 3000°K Lamp
Ref. 86	860 / 6500°K Lamp

Rough price increase of the finished frame	€
Ref. 52 Lacquered screen CHROME MATT	18.00
Ref. 90 Lacquered screen TITANIUM	18.00

Rough increase of the control gear	€	3x14/24w €	3x28/54w €
Ref. BR Dimmable ballast 1-10v		90.00	130.00
Ref. TD Dimmable ballast Touch and Dim		95.00	140.00
Ref. CF Lighting control system "master"		150.00	180.00
Ref. FP Lighting sensor control system "master"		300.00	340.00
Ref. KE Emergency kit	110.00		

Rough increase of accessories	€
Ref. 1213 Flow recuperator	28.00 50.00
Ref. 1211 Suspension kit	26.80
Ref. L Customised logo printed in four colour process	15.00
Ref. M Micro punch diffuser	10.00
Ref. WL Wieland connector	16.30

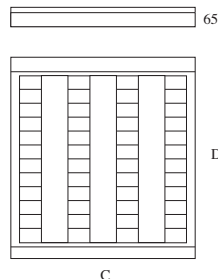
Example to write a reference with options



Screen surface Enerfi. 4 T5 lamp

Protection degree IP20 / IP44 / IP65

- Material:** Body in thermo painted steel sheet.
- Optics:** Aluminium diffusers with parabolic stripe "v" (Ref. B) and low brightness (double parabolic) (Ref. Z). Micro punch diffuser (Ref. M). Opal polycarbonate difusers (Ref. Q) or with prismatic surface (Ref. P). Polycarbonate opal diffusers with IP44 (Ref. Q44) or IP65 (Ref. Q65) or prismatic surface with IP44 (Ref. P44) or IP65 (Ref. P65).
- Supply:** Control gear included in each model. We can supply as an option with dimmable ballast 1-10v (Ref. BR), dimmable ballast Touch & Dim (Ref. TD), lighting control system (Ref. CF), lighting sensor control system (Ref. FP) and emergency kit (Ref. KE).
- Lamps:** Fluorescent ultraslim T5 tubes of diameter 16 mm, supplied with 840 lamps (colour temperature: 4000°k); we can also supply with 830/865 lamps (colour temperature: 3000°k and 6500°k).
- Installation:** Directly screw on ceilings (screw not included) or hang up with a suspension kit (Ref 1211).
- Accessories:** We can customise the diffuser with the logo firm (printed in four colour process) (Ref. L). We advise you to use a flow recuperator, for a better luminous efficiency when using opal or prismatic optical glass (Ref. 1213).
- Colours:** Supplied in white, as an option, in chrome matt (Ref. 52) and titanium (Ref. 90).



watts	C	D
4x14	630	600
4x24	630	600
4x28	630	1200
4x54	630	1200

Includes parab. brightness aluminium "v" diffuser, 4 lamps 84.

Ref.	Watts	Measures	€	lum.	RAEE lamp
1252 84	4x14W	630 x 600	201.00	0.65	1.20
1253 84	4x24W	630 x 600	201.00	0.65	1.20
1254 84	4x28W	630 x 1200	298.80	0.65	1.20
1255 84	4x54W	630 x 1200	298.80	0.65	1.20

Includes low brightness diffuser (double parabolic), 4 lamps 84.

Ref.	Watts	Measures	€	lum.	RAEE lamp
1252Z 84	4x14W	630 x 600	241.12	0.65	1.20
1253Z 84	4x24W	630 x 600	241.12	0.65	1.20
1254Z 84	4x28W	630 x 1200	353.08	0.65	1.20
1255Z 84	4x54W	630 x 1200	353.08	0.65	1.20



Screen surface Enerfi. 4 T5 lamp

Includes prismatic diffuser, 4 lamps 84.

Ref.	Watts	Measures	€	RAEE lum. lamp	
1252P 84	4x14W	630 x 600	229.84	0.65	1.20
1253P 84	4x24W	630 x 600	229.84	0.65	1.20
1254P 84	4x28W	630 x 1200	361.73	0.65	1.20
1255P 84	4x54W	630 x 1200	361.73	0.65	1.20

Includes opal diffuser, 4 lamps 84.

Ref.	Watts	Measures	€	RAEE lum. lamp	
1252Q 84	4x14W	630 x 600	229.87	0.65	1.20
1253Q 84	4x24W	630 x 600	229.87	0.65	1.20
1254Q 84	4x28W	630 x 1200	361.77	0.65	1.20
1255Q 84	4x54W	630 x 1200	361.77	0.65	1.20

Includes prismatic diffuser IP44, 4 lamps 84.

Ref.	Watts	Measures	€	RAEE lum. lamp	
1252P44 84	4x14W	630 x 600	302.71	0.65	1.20
1253P44 84	4x24W	630 x 600	302.71	0.65	1.20
1254P44 84	4x28W	630 x 1200	476.78	0.65	1.20
1255P44 84	4x54W	630 x 1200	476.78	0.65	1.20

Includes opal IP44 diffuser, 4 lamps 84.

Ref.	Watts	Measures	€	RAEE lum. lamp	
1252Q44 84	4x14W	630 x 600	302.73	0.65	1.20
1253Q44 84	4x24W	630 x 600	302.73	0.65	1.20
1254Q44 84	4x28W	630 x 1200	476.80	0.65	1.20
1255Q44 84	4x54W	630 x 1200	476.80	0.65	1.20

Includes prismatic sealed IP65 diffuser, 4 lamps 84.

Ref.	Watts	Measures	€	RAEE lum. lamp	
1252P65 84	4x14W	630 x 600	411.74	0.65	1.20
1253P65 84	4x24W	630 x 600	411.74	0.65	1.20
1254P65 84	4x28W	630 x 1200	648.24	0.65	1.20
1255P65 84	4x54W	630 x 1200	648.24	0.65	1.20

Includes opal sealed IP65 diffuser, 4 lamps 84.

Ref.	Watts	Measures	€	RAEE lum. lamp	
1252Q65 84	4x14W	630 x 600	411.79	0.65	1.20
1253Q65 84	4x24W	630 x 600	411.79	0.65	1.20
1254Q65 84	4x28W	630 x 1200	648.29	0.65	1.20
1255Q65 84	4x54W	630 x 1200	628.29	0.65	1.20



OPTIONS

IRC / Colour temperature

Ref. 83	830 / 3000°K Lamp
Ref. 86	860 / 6500°K Lamp

Rough price increase of the finished frame

	€
Ref. 52 Lacquered screen CHROME MATT	18.00
Ref. 90 Lacquered screen TITANIUM	18.00

Rough increase of the control gear

	€	4x14/24w €	4x28/54w €
Ref. BR Dimmable ballast 1-10v		90.00	140.00
Ref. TD Dimmable ballast Touch and Dim		95.00	160.00
Ref. CF Lighting control system "master"		150.00	200.00
Ref. FP Lighting sensor control system "master"		300.00	350.00
Ref. KE Emergency kit	110.00		

Rough increase of accessories

	€
Ref. 1213 Flow recuperator	30.00 52.00
Ref. 1211 Suspension kit	26.80
Ref. L Customised logo printed in four colour process	15.00
Ref. M Micro punch diffuser	10.00
Ref. WL Wieland connector	16.30

Accessories



Ref. 1213 Flow recuperator.



Ref. 1211 Suspension kit. Standard version 1 metre length. Made-to-measure possibility.

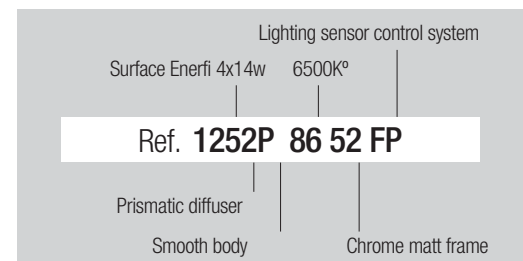


Ref. M Micro punch diffuser.



Ref. L Customised logo printed in four colour process.

Example to write a reference with options







APPLICATIONS FOR FLUORESCENT LAMPS

Chromatic reproduction index (IRC or Ra).

We use a scale from 0 to 100 to measure how a luminous source can reproduce the aspect of colours towards a "pattern luminous source".

We measure the difference between the colour coming from our luminous source and the real light it would had under normalized light of such a "pattern luminous source".

Colour temperature (Tc)

It is the temperature (Kelvin degrees) reached by a black object when heating up to give out the same light as our luminous source.

There is a normalized chart for colours or wavelengths emitted by a black object or "perfect radiator", according to Kelvin degrees.

Colour temperature indicates the seeming light of a luminous source, there are 3 major groups:

Warm (yellow light): From 2700°K to 3500°K (around)

Neutral: From 3500°K to 4000°K (around)

Cold (White light): From 4000°K to 6000°K (around)

Colour temperature must match lighting levels to create a natural and nice feeling. Such effect can be checked through a diagram called: "Kruithof chart".

Ref. **82** 827 / 2700K° Lamp

Ref. **83** 830 / 3000K° Lamp

Ref. **84** 840 / 4000K° Lamp

Ref. **86** 865 / 6500K° Lamp

**Diffusers**

- Ref. **B** parab. brightness aluminium "v" diffuser
- Ref. **A** parabolic "v" white-lacquered diffuser
- Ref. **Z** Low brightness diffuser (double parabolic)
- Ref. **P** Prismatic diffuser
- Ref. **Q** Opal diffuser
- Ref. **P44** Prismatic diffuser IP44
- Ref. **Q44** Opal diffuser IP44
- Ref. **P65** Prismatic sealed diffuser IP65
- Ref. **Q65** Sealed opal diffuser IP65



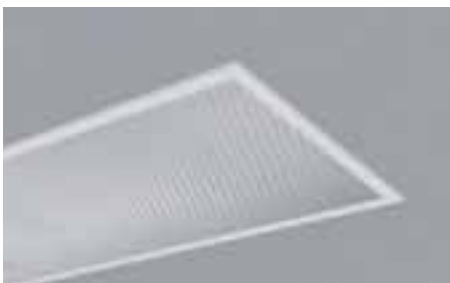
Ref. B



Ref. A



Ref. Z



Ref. P/P44/P65



Ref. Q/Q44/Q65

EQUIPMENT OPTIONS

Ref. G Control Gear.

Strong Ballast, long lasting and economic, guarantees the efficiency of lamps..

Ref. AF Control Gear and condensa High Factor capacitor.

Strong Ballast, long lasting and economic, guarantees the efficiency of lamps which together with a capacitor allows to correct the power factor.

Ref. BE Electronic Ballast with preheating.

The use of this ballast means an energetic save of 25% compared with the conventional control gear, which increases the endurance of lamps up to a 50%, which is especially important when there is a lot of on and off switching everyday. It corrects the flow of power and the blinking when functioning with high frequencies. As a result of the low consumption, we reduce the CO2 emission into the atmosphere.

Ref. BR Electronic Dimmable Ballast 1-10v.

With the same characteristics than the Electronic Ballast with preheating, also allows analogic dimming that lets the user to control the intensity of light from 1% to 100% with the dimmer into the switch.

Ref. TD Electronic Dimmable Ballast Touch and Dim/DALI.

With the same characteristics than the Electronic Ballast with preheating, also allows dimming with a switch, which lets the adjustment of light as wished. One push to switch on and off, and keep pushed to dimm. Compatible with DALI protocol.

Ref. CF Lighting Flow Control.

With the same characteristics than the Electronic Ballast with preheating, it is a device which includes a sensor of the lighting needed depending on the surrounding natural light. Its aim is to save energy, compensating the excessive light caused by overdimensioned lighting structure.

This device if attached to the lamp with a simple clip, and is connected to the electronic dimmable ballast 1-10V (ref. BR). Wherever such ballast is connected it will be named as "master", and depending on the amount of light received by the sensor in the master ballast, it can be dimmed up to 20 "slave" ballasts in line. (These should also be Electronic dimmable ballast 1 – 10 V). This sensor also has a rotating diaphragm, that allows to adjust manually the light intensity.

Ref. FP Lighting Flow and Presence Control.

With the same characteristics than the Electronic Ballast with preheating, it is a device based on a multiple sensor (natural light level, movement and IR receiver), and a control which turns sensor information into a digital signal. The Touch & Dali ballast connected to this system will become the "master" ballast. This system can control a maximum of 8 "slave" ballasts (which also have to be electronic dimmable Touch & Dali ballast).

Lamps luminous intensity is regulated according to the amount of natural light and the physical presence, without any type of programming. This system allows adapting automatically delays so that it gradually reduces intensity as it detected empty areas, while keeping a comfortable distribution without umbra. It reaches energy savings of 75%. It also allows varying programming by changing pre-programmed light level with a button in the sensor device adapted to the needs of the installation. It is not necessary to use switches with cables and so, it considerably reduces installation costs. at the same time it increases flexibility in case of changes in distribution and lighting rooms.



Lighting control system



Lighting sensor control system

Technical data	Lighting control system	Lighting sensor control system
	Ref. CF	Ref. FP
Control system according to sunlight light	YES	YES
Movement sensor	NO	YES
IR remote control	NO	YES
Switching	NO	YES
Maximum number of slave units	20	8
Type of ballast	BR	TD
Maximum height of set-up	4 m	3.5 m

Ref. KE Emergency kit .

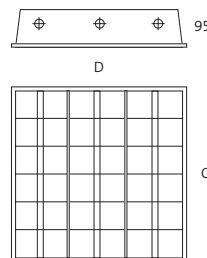
In case of power cut, the emergency kit system allows an easy and safe evacuation of users outside. The system has an internal storage battery in constant charge which able to supply 30% of its power during a maximum of 3 hours.



Virtus Armstrong view profile. PL-L Lamp

Protection degree IP20

- Material:** Body in thermo painted steel sheet.
- Optics:** Aluminium diffusers with parabolic stripe "v" (Ref. B) white-lacquered aluminium (Ref. A) and low brightness (double parabolic) (Ref. Z). Opal polycarbonate difusers (Ref. Q) or with prismatic surface (Ref. P).
- Supply:** Control gear included in each model of 18 and 36 W and dimmable ballast for 55 W. We can supply as an option with high factor equipment (Ref. AF), dimmable ballast (Ref. BE), dimmable ballast 1-10v (Ref. BR), dimmable ballast Touch & Dim (Ref. TD), lighting control system (Ref. CF), lighting sensor control system (Ref. FP) and emergency kit (Ref. KE).
- Lamps:** Fluorescent compact PL-L lamps, supplied with 840 lamps (colour temperature: 4000°k); we can also supply with 820/830/865 lamps (colour temperature: 2700°k, 3000°k and 6500°k).
- Installation:** Recessed for ceilings that may be disassembled Armstrong type. SCB safety cable for screens (Ref. 1215). Frame suited to ceilings of 15mm (Ref. 1212).
- Accessories:** We advise you to use a flow recuperator, for a better luminous efficiency when using opal or prismatic optical glass (Ref. 1213).
- Colours:** Supplied in white, as an option, in chrome matt (Ref. 52) and titanium (Ref. 90).



watts	C	D	Ceiling module
2x36	597	637	600x600
3x36	597	637	600x600
2x55	597	637	600x600
3x55	597	637	600x600

Includes parab. brightness aluminium "v" diffuser, lamps PL-L 84.

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
908B 218PLL 84	2x18W	597 x 637	600 x 600	85.07	0.65	0.40
908B 318PLL 84	3x18W	597 x 637	600 x 600	99.18	0.65	0.60
908B 236PLL 84	2x36W	597 x 637	600 x 600	86.31	0.65	0.40
908B 336PLL 84	3x36W	597 x 637	600 x 600	100.28	0.65	0.60
908B 255PLL 84	2x55W	597 x 637	600 x 600	98.05	0.65	0.40
908B 355PLL 84	3x55W	597 x 637	600 x 600	130.04	0.65	0.60



Includes parabolic "v" white lacquered diffuser , lamps PL-L 84.

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
908A 218PLL 84	2x18W	597 x 637	600 x 600	87.34	0.65	0.40
908A 318PLL 84	3x18W	597 x 637	600 x 600	100.28	0.65	0.60
908A 236PLL 84	2x36W	597 x 637	600 x 600	87.80	0.65	0.40
908A 336PLL 84	3x36W	597 x 637	600 x 600	101.94	0.65	0.60
908A 255PLL 84	2x55W	597 x 637	600 x 600	99.70	0.65	0.40
908A 355PLL 84	3x55W	597 x 637	600 x 600	132.25	0.65	0.60

Includes prismatic diffuser, lamps PL-L 84.

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
908P 218PLL 84	2x18W	597 x 637	600 x 600	90.43	0.65	0.40
908P 318PLL 84	3x18W	597 x 637	600 x 600	105.43	0.65	0.60
908P 236PLL 84	2x36W	597 x 637	600 x 600	88.85	0.65	0.40
908P 336PLL 84	3x36W	597 x 637	600 x 600	106.09	0.65	0.60
908P 255PLL 84	2x55W	597 x 637	600 x 600	104.03	0.65	0.40
908P 355PLL 84	3x55W	597 x 637	600 x 600	136.78	0.65	0.60

Includes low brightness diffuser (double parabolic), lamp PL-L 84.

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
908Z 218PLL 84	2x18W	597 x 637	600 x 600	101.76	0.65	0.40
908Z 318PLL 84	3x18W	597 x 637	600 x 600	116.76	0.65	0.60
908Z 236PLL 84	2x36W	597 x 637	600 x 600	102.58	0.65	0.40
908Z 336PLL 84	3x36W	597 x 637	600 x 600	118.14	0.65	0.60
908Z 255PLL 84	2x55W	597 x 637	600 x 600	118.14	0.65	0.40
908Z 355PLL 84	3x55W	597 x 637	600 x 600	153.05	0.65	0.60

Includes opal diffuser, lamps PL-L 84.

Ref.	Watts	Measures	Ceiling module	€	RAEE lum. lamp	
908Q 218PLL 84	2x18W	597 x 637	600 x 600	90.53	0.65	0.40
908Q 318PLL 84	3x18W	597 x 637	600 x 600	105.47	0.65	0.60
908Q 236PLL 84	2x36W	597 x 637	600 x 600	91.58	0.65	0.40
908Q 336PLL 84	3x36W	597 x 637	600 x 600	106.13	0.65	0.60
908Q 255PLL 84	2x55W	597 x 637	600 x 600	104.13	0.65	0.40
908Q 355PLL 84	3x55W	597 x 637	600 x 600	136.88	0.65	0.60



OPTIONS

IRC / Colour temperature

Ref. 82	Lamp 820	2700°K
Ref. 83	830 Lamp	3000°K
Ref. 86	860 Lamp	6500°K

Rough price increase of the finished frame

	€
Ref. 52 Lacquered screen CHROME MATT	18.00
Ref. 90 Lacquered screen TITANIUM	18.00

Rough increase of the control gear

	€	2x18/36	2x55w	3x36w	3x55w
Ref. AF High factor	2.90	€	€	€	€
Ref. BE Electronic ballast		17.85	-	44.00	-
Ref. BR Dimmable ballast 1-10v		68.80	68.80	137.60	137.60
Ref. TD Dimmable ballast Touch and Dim		69.90	69.90	139.80	139.80
Ref. CF Lighting control system "master"		111.20	111.20	182.00	182.00
Ref. FP Lighting sensor control system "master"		219.90	261.20	289.00	289.00
Ref. KE Emergency kit	110.00				

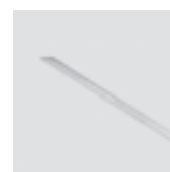
Rough increase of accessories

	€				
Ref. 1213 Flow recuperator		18.00	18.00	28.00	28.00
Ref. 1212 Frame suited to ceilings of 15mm		10.00	10.00	14.00	14.00
Ref. 1215 SCB safety cable	5.34				
Ref. WL Wieland connector	16.30				

Accessories



Ref. **1215**
SCB safety cable for screen.
Standard version 1 metre length.
Made-to-measure possibility.

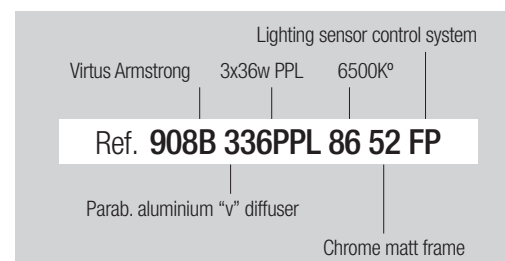


Ref. **1212**
Frame suited to ceilings of 15mm.



Ref. **1213**
Flow recuperator.

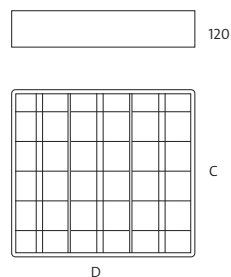
Example to write a reference with options



Screen surface Virtus. PL-L Lamp

Protection degree IP20 / IP44 / IP65

- Material:** Body in thermo painted steel sheet.
- Optics:** Aluminium diffusers with parabolic stripe "v" (Ref. B) white-lacquered aluminium (Ref. A) and low brightness (double parabolic) (Ref. Z). Opal polycarbonate difusers (Ref. Q) or with prismatic surface (Ref. P).
- Supply:** Control gear included in each model of 18 and 36 W and dimmable ballast for 55 W. We can supply as an option with high factor equipment (Ref. AF), dimmable ballast (Ref. BE), dimmable ballast 1-10v (Ref. BR), dimmable ballast Touch & Dim (Ref. TD), lighting control system (Ref. CF), lighting sensor control system (Ref. FP) and emergency kit (Ref. KE).
- Lamps:** Fluorescent compact PL-L lamps, supplied with 840 lamps (colour temperature: 4000°k); we can also supply with 820/830/865 lamps (colour temperature: 2700°k, 3000°k and 6500°k).
- Installation:** Directly screw on ceilings (screw not included) or hang up with a suspension kit (Ref 1211).
- Accessories:** We advise you to use a flow recuperator, for a better luminous efficiency when using opal or prismatic optical glass (Ref. 1213).
- Colours:** Supplied in white, as an option, in chrome matt (Ref. 52) and titanium (Ref. 90).



watts	C	D
2x18	320	320
2x36	500	500
3x36	500	500

Includes parab. brightness aluminium "v" diffuser, lamps PL-L 84.

Ref.	Watts	Measures	€	lum.	RAEE lamp
909B 218 84	2x18W	320 x 320	99.18	0.65	0.40
909B 236 84	2x36W	500 x 500	108.66	0.65	0.40
909B 336 84	3x36W	500 x 500	121.33	0.65	0.60

Includes parabolic "v" white lacquered diffuser , lamps PL-L 84.

Ref.	Watts	Measures	€	lum.	RAEE lamp
909A 218 84	2x18W	320 x 320	101.14	0.65	0.40
909A 236 84	2x36W	500 x 500	110.93	0.65	0.40
909A 336 84	3x36W	500 x 500	123.18	0.65	0.60

Includes low brightness diffuser (double parabolic), lamps PL-L 84.

Ref.	Watts	Measures	€	lum.	RAEE lamp
909Z 218 84	2x18W	320 x 320	117.52	0.65	0.40
909Z 236 84	2x36W	500 x 500	127.92	0.65	0.40
909Z 336 84	3x36W	500 x 500	140.59	0.65	0.60



Screen surface Virtus. PL-L Lamp



Includes prismatic diffuser, lamps PL-L 84.

Ref.	Watts	Measures	€	lum.	RAEE lamp
909P 218 84	2x18W	320 x 320	123.80	0.65	0.40
909P 236 84	2x36W	500 x 500	144.92	0.65	0.40
909P 336 84	3x36W	500 x 500	155.11	0.65	0.60

Includes opal diffuser, lamps PL-L 84.

Ref.	Watts	Measures	€	lum.	RAEE lamp
909Q 218 84	2x18W	320 x 320	123.26	0.65	0.40
909Q 236 84	2x36W	500 x 500	144.94	0.65	0.40
909Q 336 84	3x36W	500 x 500	155.13	0.65	0.60

Includes prismatic diffuser IP44, lamps PL-L 84.

Ref.	Watts	Measures	€	lum.	RAEE lamp
909P44 218 84	2x18W	320 x 320	165.08	0.65	0.40
909P44 236 84	2x36W	500 x 500	190.18	0.65	0.40
909P44 336 84	3x36W	500 x 500	205.48	0.65	0.60

Includes opal diffuser IP44, lamps PL-L 84.

Ref.	Watts	Measures	€	lum.	RAEE lamp
909Q44 218 84	2x18W	320 x 320	165.10	0.65	0.40
909Q44 236 84	2x36W	500 x 500	190.22	0.65	0.40
909Q44 336 84	3x36W	500 x 500	205.53	0.65	0.60

Includes prismatic sealed IP65 diffuser, lamps PL-L 84.

Ref.	Watts	Measures	€	lum.	RAEE lamp
909P65 218 84	2x18W	320 x 320	224.54	0.65	0.40
909P65 236 84	2x36W	500 x 500	257.70	0.65	0.40
909P65 336 84	3x36W	500 x 500	279.21	0.65	0.60

Includes opal sealed IP65 diffuser, lamps PL-L 84.

Ref.	Watts	Measures	€	lum.	RAEE lamp
909Q65 218 84	2x18W	320 x 320	224.56	0.65	0.40
909Q65 236 84	2x36W	500 x 500	257.75	0.65	0.40
909Q65 336 84	3x36W	500 x 500	279.54	0.65	0.60

OPTIONS

IRC / Colour temperature

Ref. 82	820 / 2700°K Lamp
Ref. 83	830 / 3000°K Lamp
Ref. 86	860 / 6500°K Lamp

Rough price increase of the finished frame

Ref.	€
Ref. 52	Lacquered screen CHROME MATT 18.00
Ref. 90	Lacquered screen TITANIUM 18.00

Rough increase of the control gear

Ref.	€	2x18/36w	3x36W
Ref. AF	High factor	2.90	
Ref. BE	Electronic ballast		17.85 44.00
Ref. BR	Dimmable ballast 1-10v		68.80 137.60
Ref. TD	Dimmable ballast Touch and Dim		69.90 139.80
Ref. CF	Lighting control system "master"		111.20 182.00
Ref. FP	Lighting sensor control system "master"		219.90 289.00
Ref. KE	Emergency kit	110.00	

Rough increase of accessories

Ref.	€
Ref. 1213	Flow recuperator 18.00 28.00
Ref. 1211	Suspension kit 26.80
Ref. WL	Wieland connector 16.30

Accessories

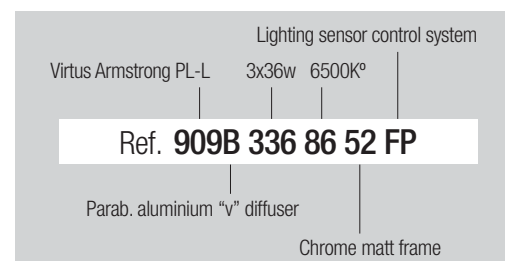


Ref. 1213
Flow recuperator.



Ref. 1211
Suspension kit.
Standard version 1 metre length.
Made-to-measure possibility.

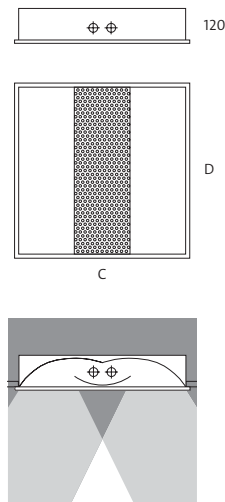
Example to write a reference with options



Recessed polyvalent Virtus screen indirect light. PL-L Lamp

Protection degree IP20

- Material:** Body in thermo painted steel sheet.
- Optics:** Diffusers made in micro punch steel sheet thermo painted and with double back reflector.
- Supply:** Control gear included in each model of 18 and 36 W and dimmable ballast for 55 W. We can supply as an option with high factor equipment (Ref. AF), dimmable ballast (Ref.BE), dimmable ballast 1-10v (Ref. BR), dimmable ballast Touch & Dim (Ref. TD), lighting control system (Ref. CF), lighting sensor control system (Ref. FP) and emergency kit (Ref. KE).
- Lamps:** Fluorescent compact PL-L lamps, supplied with 840 lamps (colour temperature: 4000°k); we can also supply with 820/830/865 lamps (colour temperature: 2700°k, 3000°k and 6500°k).
- Installation:** Recessed for ceilings that may be disassembled (sides of the fittings can be visible or hidden), ceilings made with smooth plaster or metallic ceilings.
- Accessories:** When sides of the fittings are not visible, are fixed on metallic ceilings or on smooth plaster, you have to use the clutches set (Ref. 1214). It is also supplied with a SCB safety cable for recessed screens (Ref. 1215).
- Colours:** Supplied in white, as an option, in chrome matt (Ref. 52) and titanium (Ref. 90).



watts	C	D	Ceiling module
1x36	597	597	600x600
2x36	597	597	600x600
1x55	597	597	600x600
2x55	597	597	600x600

Includes indirect light diffuser, lamps PL-L 84 and clutches.

Ref.	Watts	Measures	€	lum.	RAEE lamp
1300 136 84	1x36W	597 x 597	97.16	0.65	0.20
1300 236 84	2x36W	597 x 597	108.90	0.65	0.40
1300 155 84	1x55W	597 x 597	100.35	0.65	0.20
1300 255 84	2x55W	597 x 597	111.99	0.65	0.40



OPTIONS

IRC / Colour temperature

Ref. 82	Lamp 820	2700°K
Ref. 83	830 Lamp	3000°K
Ref. 86	860 Lamp	6500°K

Rough price increase of the finished frame

	€
Ref. 52 Lacquered screen CHROME MATT	18.00
Ref. 90 Lacquered screen TITANIUM	18.00

Rough increase of the control gear

	€	1x36w	1x55w	2x36w	2x55w
Ref. AF High factor	2.90	€	€	€	€
Ref. BE Electronic ballast		11.60	-	17.85	-
Ref. BR Dimmable ballast 1-10v		63.55	63.55	68.80	68.80
Ref. TD Dimmable ballast Touch and Dim		63.65	63.65	69.90	69.90
Ref. CF Lighting control system "master"		104.00	104.00	111.20	111.20
Ref. FP Lighting sensor control system "master"		213.00	213.00	219.90	219.90
Ref. KE Emergency kit	110.00				

Rough increase of accessories

	€
Ref. 1215 SCB safety cable	5.34
Ref. 1214 4 clutches set	2.30
Ref. WL Wieland connector	16.30

Accessories

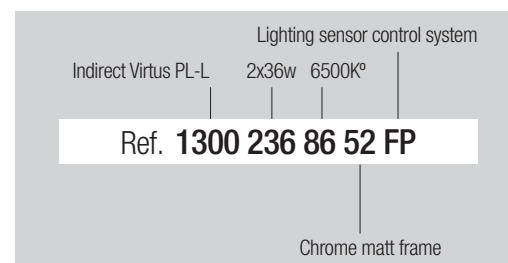


Ref. **1215**
SCB safety cable for screen.
Standard version 1 metre length.



Ref. **1214**
4 clutches set.

Example to write a reference with options

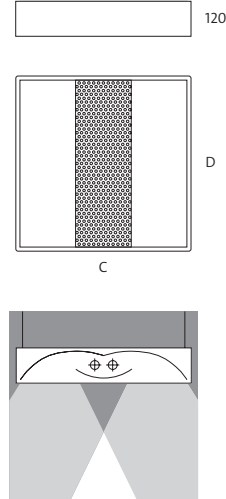


Recessed polyvalent Virtus screen indirect light.. PL-L

Surface polyvalent Virtus screen indirect light. PL-L Lamp

Protection degree IP20

- Material:** Body in thermo painted steel sheet.
- Optics:** Diffusers made in micro punch steel sheet thermo painted and with double back reflector.
- Supply:** Control gear included in each model of 18 and 36 W and dimmable ballast for 55 W. We can supply as an option with high factor equipment (Ref. AF), dimmable ballast (Ref.BE), dimmable ballast 1-10v (Ref. BR), dimmable ballast Touch & Dim (Ref. TD), lighting control system (Ref. CF), lighting sensor control system (Ref. FP) and emergency kit (Ref. KE).
- Lamps:** Fluorescent compact PL-L lamps, supplied with 840 lamps (colour temperature: 4000°k); we can also supply with 820/830/865 lamps (colour temperature: 2700°k, 3000°k and 6500°k).
- Installation:** Directly screw on ceilings (screw not included) or hang up with a suspension kit (Ref 1211).
- Accessories:** Suspension kit with 1 metre standard length (Ref. 1211).
- Colours:** Supplied in white, as an option, in chrome matt (Ref. 52) and titanium (Ref. 90).



watts	C	D
1x36	630	600
2x36	630	600
1x55	630	600
2x55	630	600

Includes indirect light diffuser, lamps PL-L 84.

Ref.	Watts	Measures	€	lum.	RAEE lamp
1306 136 84	1x36W	630 x 600	131.94	0.65	0.20
1306 236 84	2x36W	630 x 600	143.68	0.65	0.40
1306 155 84	1x55W	630 x 600	134.10	0.65	0.20
1306 255 84	2x55W	630 x 600	145.74	0.65	0.40



OPTIONS

IRC / Colour temperature

Ref. 82	Lamp 820	2700°K
Ref. 83	830 Lamp	3000°K
Ref. 86	860 Lamp	6500°K

Rough price increase of the finished frame

	€
Ref. 52 Lacquered screen CHROME MATT	18.00
Ref. 90 Lacquered screen TITANIUM	18.00

Rough increase of the control gear

	€	1x36w	1x55w	2x36w	2x55w
Ref. AF High factor	2.90	€	€	€	€
Ref. BE Electronic ballast		11.60	-	17.85	-
Ref. BR Dimmable ballast 1-10v		63.55	63.55	68.80	68.80
Ref. TD Dimmable ballast Touch and Dim		63.65	63.65	69.90	69.90
Ref. CF Lighting control system "master"		104.00	104.00	111.20	111.20
Ref. FP Lighting sensor control system "master"		213.00	213.00	219.90	219.90
Ref. KE Emergency kit	110.00				

Rough increase of accessories

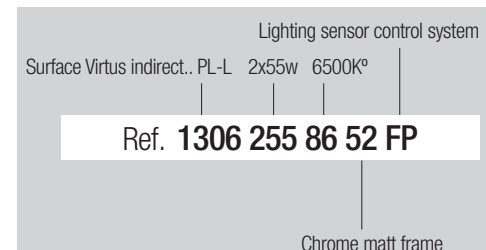
	€
Ref. 1215 SCB safety cable	5.34
Ref. 1214 4 clutches set	2.30
Ref. WL Wieland connector	16.30

Accessories



Ref. 1211
Suspension kit.
Standard version 1 metre length.
Made-to-measure possibility.

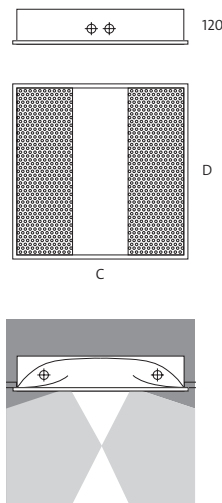
Example to write a reference with options



Polyvalent recessed screen of reflected light Virtus. PL-L Lamp

Protection degree IP20

- Material:** Body in thermo painted steel sheet.
- Optics:** Diffusers made in micro punch steel sheet thermo painted and with back reflector.
- Supply:** Control gear included in each model of 18 and 36 W and dimmable ballast for 55 W. We can supply as an option with high factor equipment (Ref. AF), dimmable ballast (Ref. BE), dimmable ballast 1-10v (Ref. BR), dimmable ballast Touch & Dim (Ref. TD), lighting control system (Ref. CF), lighting sensor control system (Ref. FP) and emergency kit (Ref. KE).
- Lamps:** Fluorescent compact PL-L lamps, supplied with 840 lamps (colour temperature: 4000°k); we can also supply with 820/830/865 lamps (colour temperature: 2700°k, 3000°k and 6500°k).
- Installation:** Recessed for ceilings that may be disassembled (sides of the fittings can be visible or hidden), ceilings made with smooth plaster or metallic ceilings.
- Accessories:** When sides of the fittings are not visible, are fixed on metallic ceilings or on smooth plaster, you have to use the clutches set (Ref. 1214). It is also supplied with a SCB safety cable for recessed screens (Ref. 1215).
- Colours:** Supplied in white, as an option, in chrome matt (Ref. 52) and titanium (Ref. 90).



watts	C	D	Ceiling module
2x36	597	597	600x600
2x55	597	597	600x600

Includes indirect light diffuser, lamps PL-L 84 and clutches.

Ref.	Watts	Measures	€	lum. RAE lamp
1301 236 84	2x36W	597 x 597	108.90	0.65 0.40
1301 255 84	2x55W	597 x 597	111.99	0.65 0.40



OPTIONS

IRC / Colour temperature

Ref.	Lamp	Temperature
Ref. 82	Lamp 820	2700°K
Ref. 83	830 Lamp	3000°K
Ref. 86	860 Lamp	6500°K

Rough price increase of the finished frame

Ref.	Description	€
Ref. 52	Lacquered screen CHROME MATT	18.00
Ref. 90	Lacquered screen TITANIUM	18.00

Rough increase of the control gear

Ref.	Description	€	2x36w	2x55W
Ref. AF	High factor	2.90	€	€
Ref. BE	Electronic ballast		17.85	-
Ref. BR	Dimmable ballast 1-10v		68.80	68.80
Ref. TD	Dimmable ballast Touch and Dim		69.90	69.90
Ref. CF	Lighting control system "master"		111.20	111.20
Ref. FP	Lighting sensor control system "master"		219.90	219.90
Ref. KE	Emergency kit	110.00		

Rough increase of accessories

Ref.	Description	€
Ref. 1215	SCB safety cable	5.34
Ref. 1214	4 clutches set	2.30
Ref. WL	Wieland connector	16.30

Accessories

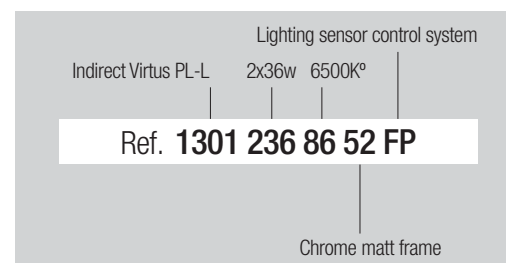


Ref. **1215**
SCB safety cable for screen.
Standard version 1 metre length.



Ref. **1214**
4 clutches set.

Example to write a reference with options

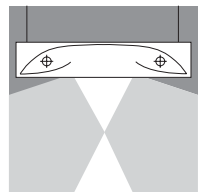
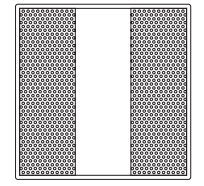


Polyvalent recessed screen of reflected light Virtus PL-L
Surface screen of reflected light Virtus PL-L

Surface screen of reflected light Virtus PL-L Lamp

Protection degree IP20

- Material:** Body in thermo painted steel sheet.
- Optics:** Diffusers made in micro punch steel sheet thermo painted and with back reflector.
- Supply:** Control gear included in each model of 18 and 36 W and dimmable ballast for 55 W. We can supply as an option with high factor equipment (Ref. AF), dimmable ballast (Ref.BE), dimmable ballast 1-10v (Ref. BR), dimmable ballast Touch & Dim (Ref. TD), lighting control system (Ref. CF), lighting sensor control system (Ref. FP) and emergency kit (Ref. KE).
- Lamps:** Fluorescent compact PL-L lamps, supplied with 840 lamps (colour temperature: 4000°k); we can also supply with 820/830/865 lamps (colour temperature: 2700°k, 3000°k and 6500°k).
- Installation:** Directly screw on ceilings (screw not included) or hang up with a suspension kit (Ref 1211).
- Accessories:** Suspension kit with 1 metre standard length (Ref. 1211).
- Colours:** Supplied in white, as an option, in chrome matt (Ref. 52) and titanium (Ref. 90.)



watts	C	D
2x36	630	600
2x55	630	600

Includes indirect light diffuser, lamps PL-L 84.

Ref.	Watts	Measures	€	RAEE lum.	lamp
1307 236 84	2x36W	630 x 600	143.68	0.65	0.40
1307 255 84	2x55W	630 x 600	145.74	0.65	0.40



OPTIONS

IRC / Colour temperature

Ref. 82	Lamp 820	2700°K
Ref. 83	830 Lamp	3000°K
Ref. 86	860 Lamp	6500°K

Rough price increase of the finished frame

	€
Ref. 52 Lacquered screen CHROME MATT	18.00
Ref. 90 Lacquered screen TITANIUM	18.00

Rough increase of the control gear

	€	2x36w	2x55W
Ref. AF High factor	2.90	€	€
Ref. BE Electronic ballast		17.85	-
Ref. BR Dimmable ballast 1-10v		68.80	68.80
Ref. TD Dimmable ballast Touch and Dim		69.90	69.90
Ref. CF Lighting control system "master"		111.20	111.20
Ref. FP Lighting sensor control system "master"		219.90	219.90
Ref. KE Emergency kit	110.00		

Rough increase of accessories

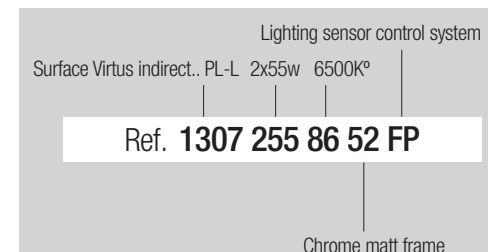
	€
Ref. 1215 SCB safety cable	5.34
Ref. 1214 4 clutches set	2.30
Ref. WL Wieland connector	16.30

Accessories



Ref. 1211
Suspension kit.
Standard version 1 metre length.
Made-to-measure possibility.

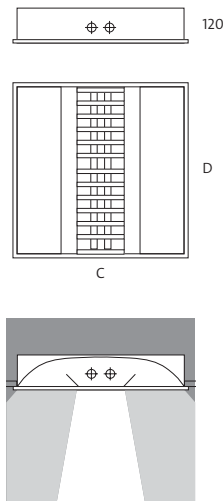
Example to write a reference with options



Recessed polyvalent Virtus indirect - direct light. PL-L Lamp

Protection degree IP20

- Material:** Body in thermo painted steel sheet.
- Optics:** Diffusers made in micro punch steel sheet thermo painted and with back reflector.
- Supply:** Control gear included in each model of 18 and 36 W and dimmable ballast for 55 W. We can supply as an option with high factor equipment (Ref. AF), dimmable ballast (Ref. BE), dimmable ballast 1-10v (Ref. BR), dimmable ballast Touch & Dim (Ref. TD), lighting control system (Ref. CF), lighting sensor control system (Ref. FP) and emergency kit (Ref. KE).
- Lamps:** Fluorescent compact PL-L lamps, supplied with 840 lamps (colour temperature: 4000°k); we can also supply with 820/830/865 lamps (colour temperature: 2700°k, 3000°k and 6500°k).
- Installation:** Recessed for ceilings that may be disassembled (sides of the fittings can be visible or hidden), ceilings made with smooth plaster or metallic ceilings.
- Accessories:** When sides of the fittings are not visible, are fixed on metallic ceilings or on smooth plaster, you have to use the clutches set (Ref. 1214). It is also supplied with a SCB safety cable for recessed screens (Ref. 1215).
- Colours:** Supplied in white, as an option, in chrome matt (Ref. 52) and titanium (Ref. 90).



watts	C	D	Ceiling module
1x36	597	597	600x600
2x36	597	597	600x600
1x55	597	597	600x600
2x55	597	597	600x600

Includes indirect-direct light diffuser, lamps PL-L 84 and clutches.

Ref.	Watts	Measures	€	lum.	RAEE lamp
1302 136 84	1x36W	597 x 597	120.61	0.65	0.20
1302 236 84	2x36W	597 x 597	133.25	0.65	0.40
1302 155 84	1x55W	597 x 597	122.57	0.65	0.20
1302 255 84	2x55W	597 x 597	137.11	0.65	0.40



OPTIONS

IRC / Colour temperature

Ref. 82	Lamp 820	2700°K
Ref. 83	830 Lamp	3000°K
Ref. 86	860 Lamp	6500°K

Rough price increase of the finished frame

Ref.	Description	€
Ref. 52	Lacquered screen CHROME MATT	18.00
Ref. 90	Lacquered screen TITANIUM	18.00

Rough increase of the control gear

Ref.	Description	€	1x36w	1x55w	2x36w	2x55w
Ref. AF	High factor	2.90	€	€	€	€
Ref. BE	Electronic ballast	11.60	-	17.85	-	-
Ref. BR	Dimmable ballast 1-10v	63.55	63.55	68.80	68.80	
Ref. TD	Dimmable ballast Touch and Dim	63.65	63.65	69.90	69.90	
Ref. CF	Lighting control system "master"	104.00	104.00	111.20	111.20	
Ref. FP	Lighting sensor control system "master"	213.00	213.00	219.90	219.90	
Ref. KE	Emergency kit	110.00				

Rough increase of accessories

Ref.	Description	€
Ref. 1215	SCB safety cable	5.34
Ref. 1214	4 clutches set	2.30
Ref. WL	Wieland connector	16.30

Accessories

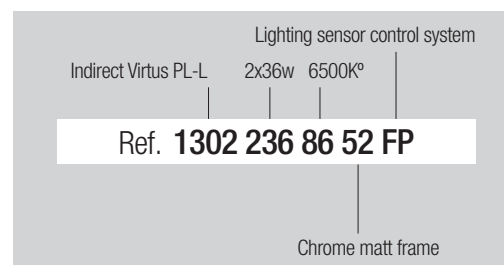


Ref. 1215
SCB safety cable for screen.
Standard version 1 metre length.



Ref. 1214
4 clutches set.

Example to write a reference with options

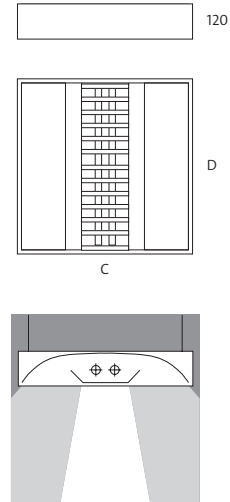


Recessed polyvalent Virtus indirect - direct light. PL-L
Surface Virtus indirect - direct light. PL-L

Surface Virtus indirect - direct light. PL-L Lamp

Protection degree IP20

- Material:** Body in thermo painted steel sheet.
- Optics:** Diffusers made in micro punch steel sheet thermo painted and with back reflector.
- Supply:** Control gear included in each model of 18 and 36 W and dimmable ballast for 55 W. We can supply as an option with high factor equipment (Ref. AF), dimmable ballast (Ref. BE), dimmable ballast 1-10v (Ref. BR), dimmable ballast Touch & Dim (Ref. TD), lighting control system (Ref. CF), lighting sensor control system (Ref. FP) and emergency kit (Ref. KE).
- Lamps:** Fluorescent compact PL-L lamps, supplied with 840 lamps (colour temperature: 4000°k); we can also supply with 820/830/865 lamps (colour temperature: 2700°k, 3000°k and 6500°k).
- Installation:** Directly screw on ceilings (screw not included) or hang up with a suspension kit (Ref 1211).
- Accessories:** Suspension kit with 1 metre standard length (Ref. 1211).
- Colours:** Supplied in white, as an option, in chrome matt (Ref. 52) and titanium (Ref. 90).



watts	C	D
1x36	630	600
2x36	630	600
1x55	630	600
2x55	630	600

Includes indirect-direct light diffuser, lamps PL-L 84.

Ref.	Watts	Measures	€	RAEE lum.	lamp
1308 136 84	1x36W	630 x 600	164.92	0.65	0.20
1308 236 84	2x36W	630 x 600	179.60	0.65	0.40
1308 155 84	1x55W	630 x 600	167.63	0.65	0.20
1308 255 84	2x55W	630 x 600	182.17	0.65	0.40



OPTIONS

IRC / Colour temperature

Ref. 82	Lamp 820	2700°K
Ref. 83	830 Lamp	3000°K
Ref. 86	860 Lamp	6500°K

Rough price increase of the finished frame

Ref.	Description	€
Ref. 52	Lacquered screen CHROME MATT	18.00
Ref. 90	Lacquered screen TITANIUM	18.00

Rough increase of the control gear

Ref.	Description	€	1x36w	1x55w	2x36w	2x55w
Ref. AF	High factor	2.90	€	€	€	€
Ref. BE	Electronic ballast		11.60	-	17.85	-
Ref. BR	Dimmable ballast 1-10v		63.55	63.55	68.80	68.80
Ref. TD	Dimmable ballast Touch and Dim		63.65	63.65	69.90	69.90
Ref. CF	Lighting control system "master"		104.00	104.00	111.20	111.20
Ref. FP	Lighting sensor control system "master"		213.00	213.00	219.90	219.90
Ref. KE	Emergency kit	110.00				

Rough increase of accessories

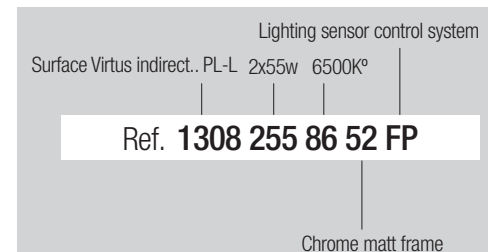
Ref.	Description	€
Ref. 1215	SCB safety cable	5.34
Ref. 1214	4 clutches set	2.30
Ref. WL	Wieland connector	16.30

Accessories



Ref. 1211
Suspension kit.
Standard version 1 metre length.
Made-to-measure possibility.

Example to write a reference with options

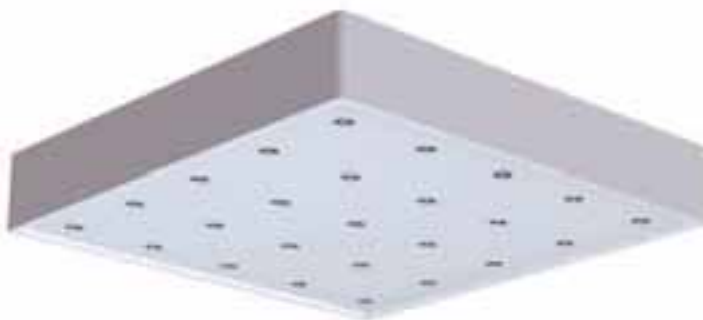


Surface screen 60x60 LED


Protection degree IP20



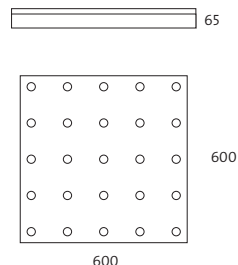
- Material:** Body in thermo painted steel sheet.
- Optics:** Extensive optis 37° Ledil (Finland), built in LED lamps. Includes protection glass.
- Supply:** Driver supplied for each type of lamp and wattage.
- Lamps:** LED-lamp pad with 25 Osram Golden Dragon LEDs of 2.4 W. Recommended for domestic, commercial and industrial use.
- Installation:** Directly screw on ceilings (screw not included) or hang up with a suspension kit (Ref 1211).
- Colours:** Supplied in white, as an option, in chrome matt (Ref. 52) and titanium (Ref. 90)



Includes driver, LED module and matt diffuser.

Ref.	Colour	Lamp	W	€	RAEE lum.
 3199 01 86	White	LED	48w	513,76	0.65
3199 52 86	Chrome matt	LED	48w	525,91	0.65
3199 90 86	Titanium	LED	48w	525,91	0.65

* Supplied in a standard manner with LED 6500° K



Rough increase of accessories

	€
Ref. 3208 ● LED Red	66,00
Ref. 3209 ● LED Green	66,00
Ref. 3210 ● LED Blue	66,00

LED OSRAM DRAGON-X OPTIONS

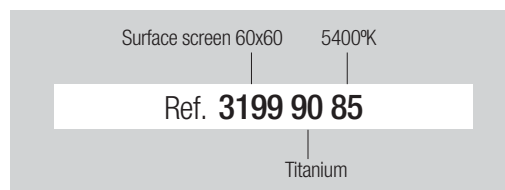
IRC / Colour temperature

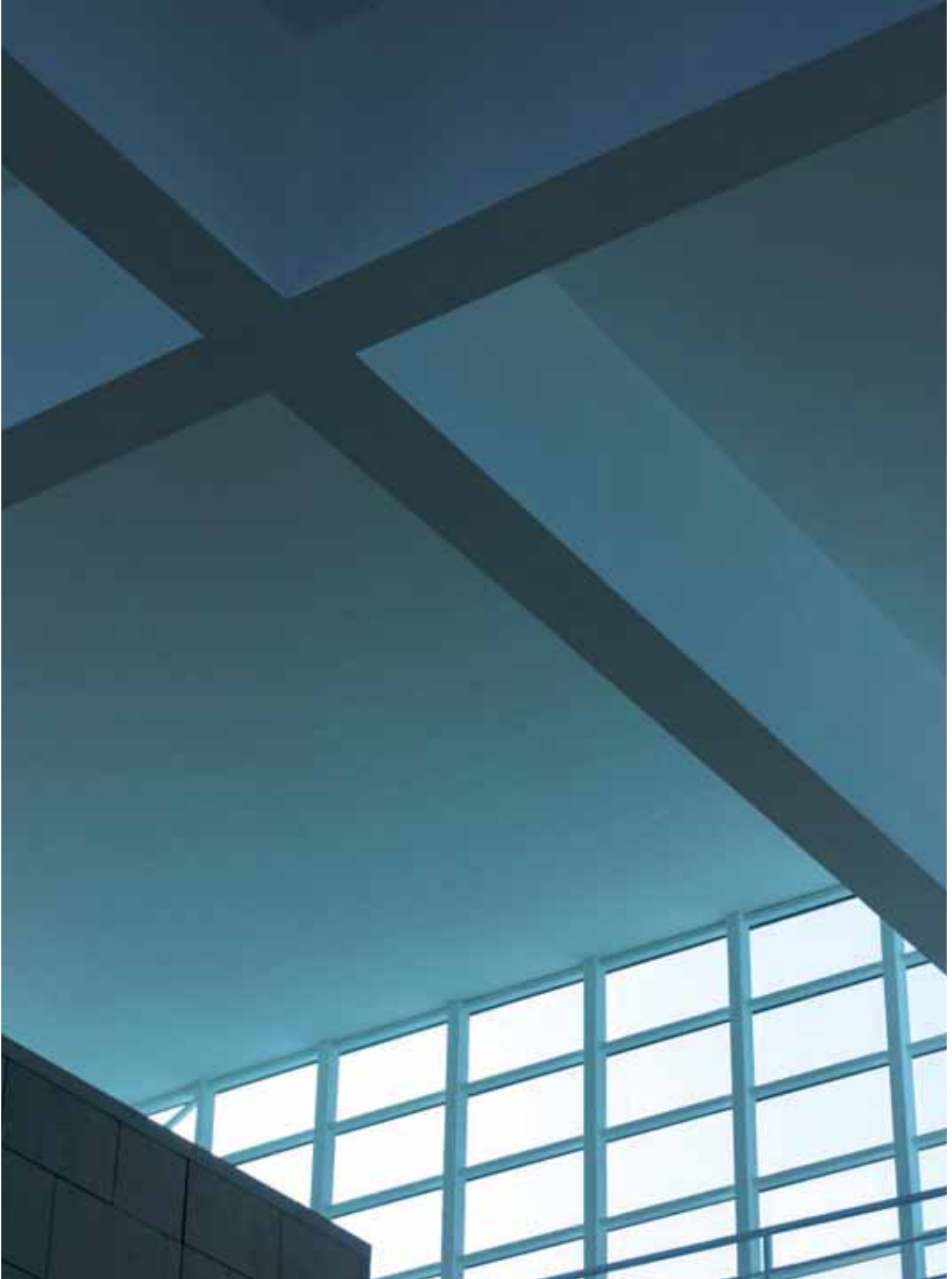
Ref. 83	3300°K
Ref. 85	5400°K
Ref. 86	6500°K

Accessories

	€
Ref. 1211 Suspension kit	26,80

Example to write a reference with options



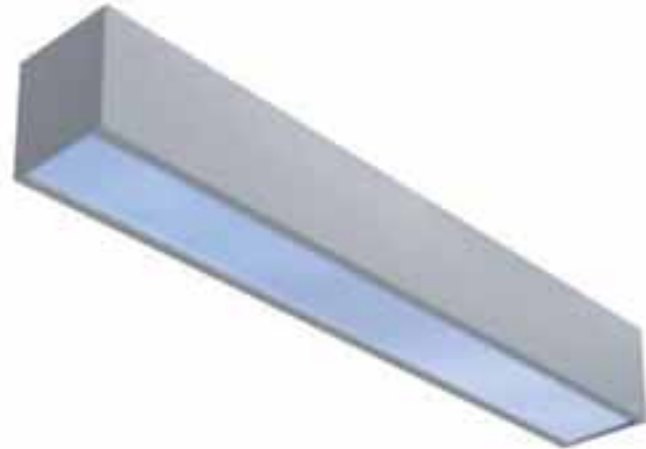


Rutro LED

Protection degree IP20 / IP43



- Material:** Extruded aluminium, ultra-flat structure in steel sheet thermo painted.
- Optics:** Optics incorporated in the lamps. Opal diffuser, included.
- Supply:** Includes driver incorporado en la luminaria adecuado al tipo de lampy potencia a usar.
- Lamps:** LED-lamp Osram Golden Dragon LEDs of 2.4 W. Recommended for domestic, commercial and industrial use.
- Installation:** Directly screw on ceilings (screw not included) or hang up with a suspension kit (Ref 1211).
- Colours:** White, black, chrome matt and titanium.

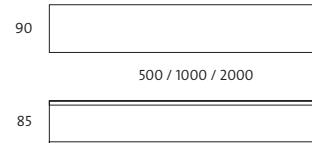


Rutro 500mm / 19,2w

Includes driver and 8x2,4w LED.

Ref.	Colour	Lamp	W	€	RAEE lum.
3173 01 19 86	White	LED	19,2w	216,30	0.30
3173 02 19 86	Black	LED	19,2w	227,11	0.30
3173 52 19 86	Chrome matt	LED	19,2w	227,11	0.30
3173 90 19 86	Titanium	LED	19,2w	227,11	0.30

* Supplied in a standard manner with LED 6500° K



Rutro 1000mm / 38,4w

Includes driver and 16x2,4w LED.

Ref.	Colour	Lamp	W	€	RAEE lum.
3173 01 38 86	White	LED	38,4w	401,70	0.30
3173 02 38 86	Black	LED	38,4w	421,78	0.30
3173 52 38 86	Chrome matt	LED	38,4w	421,78	0.30
3173 90 38 86	Titanium	LED	38,4w	421,78	0.30

* Supplied in a standard manner with LED 6500° K

Rutro 2000mm / 76,8w

Includes driver and 32x2,4w LED.

Ref.	Colour	Lamp	W	€	RAEE lum.
3173 01 76 86	White	LED	76,8w	803,40	0.30
3173 02 76 86	Black	LED	76,8w	843,57	0.30
3173 52 76 86	Chrome matt	LED	76,8w	843,57	0.30
3173 90 76 86	Titanium	LED	76,8w	843,57	0.30

* Supplied in a standard manner with LED 6500° K

Rough increase of accessories

	€
Ref. 3208 ● LED Red	66,00
Ref. 3209 ● LED Green	66,00
Ref. 3210 ● LED Blue	66,00

Rough increase of accessories

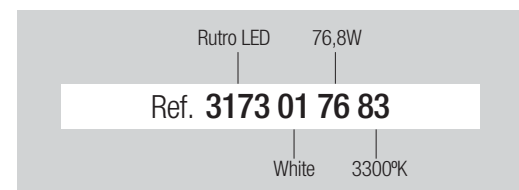
	€
Ref. 3174 Intermediate joint Rutro	12,00
Ref. 3036 Suspension kit	26,20

LED OSRAM DRAGON-X OPTIONS

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K
Ref. 86	6500°K

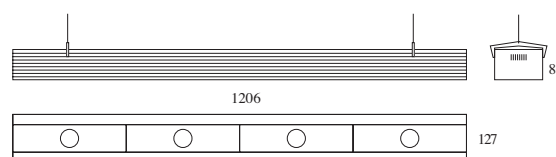
Example to write a reference with options



Esselte

Protection degree IP43

- Material:** Extruded aluminium structure, modules made in steel sheet thermo painted.
- Optics:** High-brightness aluminum reflector and opal finish polycarbonate dif-fuser for T5 lamps. Optics incorporated in the LED lamps.
- Supply:** Electronics ballasts are included in all the models for T5. We can supply as an option with dimmable ballast 1-10v (Ref. BR), dimmable ballast Touch & Dim (Ref. TD), lighting control system (Ref. CF) and lighting sensor control system (Ref. FP). Electronic equipments adap- ted for LED lamps are included.
- Lamps:** Fluorescent ultraslim T5 tubes of diameter 16 mm, 14 and 24 watts, supplied with 840 lamps (colour temperature: 4000°k); we can also supply with 830/865 lamps (colour temperature: 3000°k and 6500°k). LED lamps of 7,2 watts.
- Installation:** Directly on ceiling with a suspension kit, standard version 1 meter length (screw not included)
- Colours:** Body with titanium finish and white, black or titanium modules.



Esselte 4 LED lamps

Includes drivers, suspension and 4 LED lamp 7,2w



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
1500L 01	White	LED	-	4x7,2w	575,10	0.65 0.80
1500L 02	Black	LED	-	4x7,2w	592,37	0.65 0.80
1500L 90	Titanium	LED	-	4x7,2w	592,37	0.65 0.80

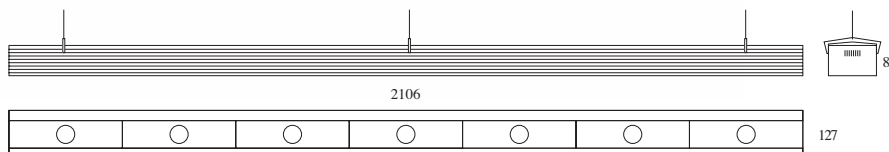
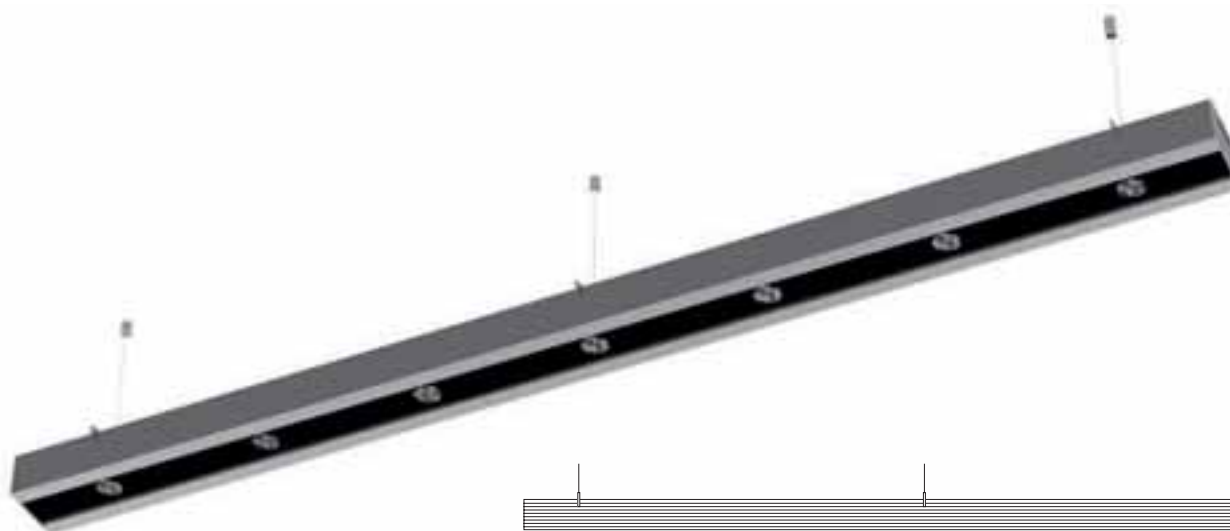
* Supplied in a standard manner with 5400° K lamp

Esselte 4 LED RGB lamps

Includes drivers, suspension and 4 LED RGB lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
1500L 01 03	White	LED	GU5.3	4x3w	430,48	0.65 0.80
1500L 02 03	Black	LED	GU5.3	4x3w	443,40	0.65 0.80
1500L 90 03	Titanium	LED	GU5.3	4x3w	443,40	0.65 0.80



Esselte 7 LED lamps

Includes drivers, suspension and 7 LED lamp 7,2w



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
1505L 01	White	LED	-	7x7,2w	925,71	0.65 1.40
1505L 02	Black	LED	-	7x7,2w	953,48	0.65 1.40
1505L 90	Titanium	LED	-	7x7,2w	953,48	0.65 1.40

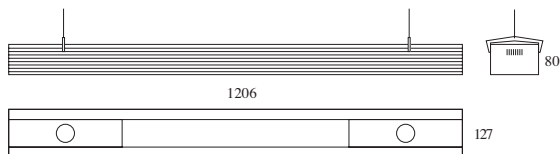
* Supplied in a standard manner with 5400° K lamp

Esselte 7 LED RGB lamps

Includes drivers, suspension and 7 LED RGB lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp
1505L 01 03	White	LED	GU5.3	7x3w	816,53	0.65 1.40
1505L 02 03	Black	LED	GU5.3	7x3w	841,02	0.65 1.40
1505L 90 03	Titanium	LED	GU5.3	7x3w	841,02	0.65 1.40



Esselte T5 + 2 LED lamps

Includes ballasts, drivers, suspension, T5 lamp and 2 LED lamp 7,2w

Ref.	Colour	Lamp(1)	L/H(1)	Lamp(2)	L/H(2)	W(1)	W(2)	€	RAEE	
									lum.	lamp
1501L 01 114	White	T5	G5	LED	-	1x14w	2X7,2w	410,72	0.65	0.70
1501L 02 114	Black	T5	G5	LED	-	1x14w	2X7,2w	423,06	0.65	0.70
1501L 90 114	Titanium	T5	G5	LED	-	1x14w	2x7,2w	423,06	0.65	0.70
1501L 01 124	White	T5	G5	LED	-	1x24w	2X7,2w	410,72	0.65	0.70
1501L 02 124	Black	T5	G5	LED	-	1x24w	2X7,2w	423,06	0.65	0.70
1501L 90 124	Titanium	T5	G5	LED	-	1x24w	2x7,2w	423,06	0.65	0.70

* The LED lamp is supplied in a standard manner with 5400° K
 * The T5 lamp is supplied in a standard manner with 4200° K

Esselte T5 + 2 LED RGB lamps

Includes ballasts, drivers, suspension, T5 lamp and 2 LED RGB lamp

Ref.	Colour	Lamp(1)	L/H(1)	Lamp(2)	L/H(2)	W(1)	W(2)	€	RAEE	
									lum.	lamp
1510L 01 114	White	T5	G5	LED	GU5.3	1x14w	2X3w	379,61	0.65	0.70
1510L 02 114	Black	T5	G5	LED	GU5.3	1x14w	2X3w	391,00	0.65	0.70
1510L 90 114	Titanium	T5	G5	LED	GU5.3	1x14w	2x3w	391,00	0.65	0.70
1510L 01 124	White	T5	G5	LED	GU5.3	1x24w	2X3w	379,61	0.65	0.70
1510L 02 124	Black	T5	G5	LED	GU5.3	1x24w	2X3w	391,00	0.65	0.70
1510L 90 124	Titanium	T5	G5	LED	GU5.3	1x24w	2x3w	391,00	0.65	0.70

* The T5 lamp is supplied in a standard manner with 4200° K

LED OSRAM DRAGON-X OPTIONS

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K
Ref. 86	6500°K

OPTIONS

IRC / Colour temperature

Ref. 83	830 / 3000°K Lamp
Ref. 86	860 / 6500°K Lamp

Rough increase of accessories

Ref. 3038	Joint 90°	38,10
Ref. 3039	Intermediate joint	8,20

Rough increase of the control gear

Ref. BR	Dimmable ballast 1-10v	72,00
Ref. TD	Dimmable ballast Touch and Dim	74,00



Rough increase of accessories

Ref. 3080	Controller MR16 LED RGB lamp	€ 6,60
-----------	------------------------------	--------

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.



Ref. 3038
Joint 90°



Ref. 3039
Intermediate joint.

Example to write a reference with options

Esselte T5+2xLED. 1x24w L. sensor control system

Ref. **1501L 02 124 83 83 FP**


Inside Black 3000°K 3000°K

Esselte



Esselte 2xT5 + 3 LED lamps

Includes ballasts, drivers, suspension, T5 lamp and 3 LED lamp 7,2w


Ref.	Colour	Lamp(1)	L/H(1)	Lamp(2)	L/H(2)	W(1)	W(2)	€	RAEE	
									lum.	lamp
 1506L 01 114	White	T5	G5	LED	-	2x14w	3x7,2w	651,79	0.65	1.20
1506L 02 114	Black	T5	G5	LED	-	2x14w	3x7,2w	671,34	0.65	1.20
1506L 90 114	Titanium	T5	G5	LED	-	2x14w	3x7,2w	671,34	0.65	1.20
1506L 01 124	White	T5	G5	LED	-	2x24w	3x7,2w	651,79	0.65	1.20
1506L 02 124	Black	T5	G5	LED	-	2x24w	3x7,2w	671,34	0.65	1.20
1506L 90 124	Titanium	T5	G5	LED	-	2x24w	3x7,2w	671,34	0.65	1.20



* The LED lamp is supplied in a standard manner with 5400° K
 * The T5 lamp is supplied in a standard manner with 4200° K

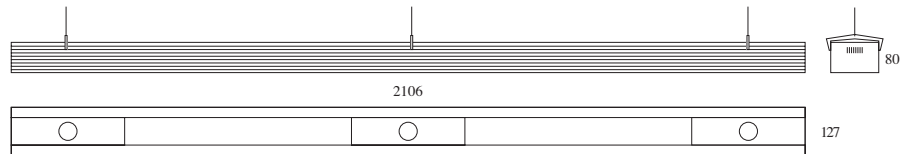
Esselte 2xT5 + 3 LED RGB lamps

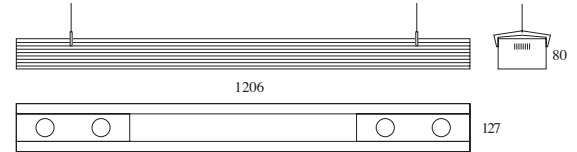
Includes ballasts, drivers, suspension, T5 lamp and 3 LED RGB lamps

Ref.	Colour	Lamp(1)	L/H(1)	Lamp(2)	L/H(2)	W(1)	W(2)	€	RAEE	
									lum.	lamp
 1512L 01 114	White	T5	G5	LED	GU5.3	2x14w	3x3w	605,15	0.65	1.20
1512L 02 114	Black	T5	G5	LED	GU5.3	2x14w	3x3w	623,28	0.65	1.20
1512L 90 114	Titanium	T5	G5	LED	GU5.3	2x14w	3x3w	623,28	0.65	1.20
1512L 01 124	White	T5	G5	LED	GU5.3	2x24w	3x3w	605,15	0.65	1.20
1512L 02 124	Black	T5	G5	LED	GU5.3	2x24w	3x3w	623,28	0.65	1.20
1512L 90 124	Titanium	T5	G5	LED	GU5.3	2x24w	3x3w	623,28	0.65	1.20



* The T5 lamp is supplied in a standard manner with 4200° K





Esselte T5 + 4 LED lamps

Includes ballasts, drivers, suspension, T5 lamp and 4 LED lamp 7,2w

Ref.	Colour	Lamp(1)	L/H(1)	Lamp(2)	L/H(2)	W(1)	W(2)	€	RAEE	
									lum.	lamp
1502L 01 114	White	T5	G5	LED	-	1x14w	4x7,2w	615,05	0.65	1.10
1502L 02 114	Black	T5	G5	LED	-	1x14w	4x7,2w	633,52	0.65	1.10
1502L 90 114	Titanium	T5	G5	LED	-	1x14w	4x7,2w	633,52	0.65	1.10
1502L 01 124	White	T5	G5	LED	-	1x24w	4x7,2w	615,05	0.65	1.10
1502L 02 124	Black	T5	G5	LED	-	1x24w	4x7,2w	633,52	0.65	1.10
1502L 90 124	Titanium	T5	G5	LED	-	1x24w	4x7,2w	633,52	0.65	1.10

* The LED lamp is supplied in a standard manner with 5400° K
 * The T5 lamp is supplied in a standard manner with 4200° K

Esselte T5 + 4 LED RGB lamps

Includes ballasts, drivers, suspension, T5 lamp and 4 LED RGB lamp

Ref.	Colour	Lamp(1)	L/H(1)	Lamp(2)	L/H(2)	W(1)	W(2)	€	RAEE	
									lum.	lamp
1511L 01 114	White	T5	G5	LED	GU5.3	1x14w	4X3w	470,44	0.65	1.10
1511L 02 114	Black	T5	G5	LED	GU5.3	1x14w	4X3w	484,57	0.65	1.10
1511L 90 114	Titanium	T5	G5	LED	GU5.3	1x14w	4x3w	484,57	0.65	1.10
1511L 01 124	White	T5	G5	LED	GU5.3	1x24w	4X3w	470,44	0.65	1.10
1511L 02 124	Black	T5	G5	LED	GU5.3	1x24w	4X3w	484,57	0.65	1.10
1511L 90 124	Titanium	T5	G5	LED	GU5.3	1x24w	4x3w	484,57	0.65	1.10

* The T5 lamp is supplied in a standard manner with 4200° K

LED OSRAM DRAGON-X OPTIONS

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K
Ref. 86	6500°K

OPTIONS

IRC / Colour temperature

Ref. 83	830 / 3000°K Lamp
Ref. 86	860 / 6500°K Lamp

Rough increase of accessories

Ref. 3038	Joint 90°	38,10
Ref. 3039	Intermediate joint	8,20

2x14/24w
€

Rough increase of the control gear

Ref. BR	Dimmable ballast 1-10v	72,00
Ref. TD	Dimmable ballast Touch and Dim	74,00



Rough increase of accessories

Ref. 3080	Controller MR16 LED RGB lamp	6,60
-----------	------------------------------	------

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.



Ref. 3038
Joint 90°



Ref. 3039
Intermediate joint.

Example to write a reference with options

Esselte T5+4xLED. 1x24wL. sensor control system

Ref. **1502L 02 124 83 83 FP**

Inside Black 3000°K 3000°K

Esselte



Esselte 2xT5 + 6 LED lamps

Includes ballasts, drivers, suspension, T5 lamp and 6 LED lamp 7,2w

Ref.	Colour	Lamp(1)	L/H(1)	Lamp(2)	L/H(2)	W(1)	W(2)	€	RAEE	
									lum.	lamp
1507L 01 214	White	T5	G5	LED	-	2x14w	6x7,2w	926,64	0.65	1.80
1507L 02 214	Black	T5	G5	LED	-	2x14w	6x7,2w	954,47	0.65	1.80
1507L 90 214	Titanium	T5	G5	LED	-	2x14w	6x7,2w	954,47	0.65	1.80
1507L 01 224	White	T5	G5	LED	-	2x24w	6x7,2w	926,64	0.65	1.80
1507L 02 224	Black	T5	G5	LED	-	2x24w	6x7,2w	954,47	0.65	1.80
1507L 90 224	Titanium	T5	G5	LED	-	2x24w	6x7,2w	954,47	0.65	1.80



* The LED lamp is supplied in a standard manner with 5400° K
 * The T5 lamp is supplied in a standard manner with 4200° K

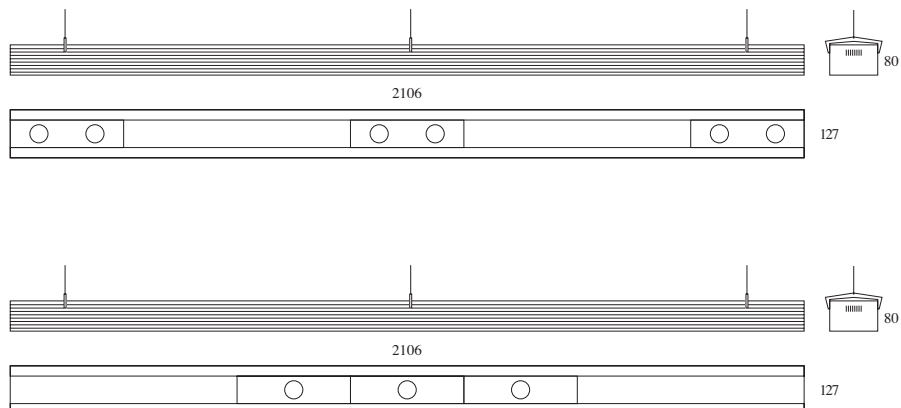
Esselte 2xT5 + 3 LED RGB lamps

Includes ballasts, drivers, suspension, T5 lamp and 6 LED RGB lamps

Ref.	Colour	Lamp(1)	L/H(1)	Lamp(2)	L/H(2)	W(1)	W(2)	€	RAEE	
									lum.	lamp
1513L 01 214	White	T5	G5	LED	GU5.3	2x14w	6x3w	833,33	0.65	1.80
1513L 02 214	Black	T5	G5	LED	GU5.3	2x14w	6x3w	858,33	0.65	1.80
1513L 90 214	Titanium	T5	G5	LED	GU5.3	2x14w	6x3w	858,33	0.65	1.80
1513L 01 224	White	T5	G5	LED	GU5.3	2x24w	6x3w	833,33	0.65	1.80
1513L 02 224	Black	T5	G5	LED	GU5.3	2x24w	6x3w	858,33	0.65	1.80
1513L 90 224	Titanium	T5	G5	LED	GU5.3	2x24w	6x3w	858,33	0.65	1.80



* The T5 lamp is supplied in a standard manner with 4200° K





Esselte 2xT5 + 3 LED lamps

Includes ballasts, drivers, suspension, T5 lamp and 3 LED lamp 7,2w

Ref.	Colour	Lamp(1)	L/H(1)	Lamp(2)	L/H(2)	W(1)	W(2)	€	RAEE lum. lamp	
1508L 01 214	White	T5	G5	LED	-	2x14w	3x7,2w	651,88	0.65	1.20
1508L 02 214	Black	T5	G5	LED	-	2x14w	3x7,2w	671,44	0.65	1.20
1508L 90 214	Titanium	T5	G5	LED	-	2x14w	3x7,2w	671,44	0.65	1.20
1508L 01 224	White	T5	G5	LED	-	2x24w	3x7,2w	651,88	0.65	1.20
1508L 02 224	Black	T5	G5	LED	-	2x24w	3x7,2w	671,44	0.65	1.20
1508L 90 224	Titanium	T5	G5	LED	-	2x24w	3x7,2w	671,44	0.65	1.20

* The LED lamp is supplied in a standard manner with 5400° K
 * The T5 lamp is supplied in a standard manner with 4200° K

Esselte 2xT5 + 3 LED RGB lamps

Includes ballasts, drivers, suspension, T5 lamp and 3 LED lamp RGB

Ref.	Colour	Lamp(1)	L/H(1)	Lamp(2)	L/H(2)	W(1)	W(2)	€	RAEE lum. lamp	
1514L 01 214	White	T5	G5	LED	GU5.3	2x14w	3x3w	605,22	0.65	1.20
1514L 02 214	Black	T5	G5	LED	GU5.3	2x14w	3x3w	623,38	0.65	1.20
1514L 90 214	Titanium	T5	G5	LED	GU5.3	2x14w	3x3w	623,38	0.65	1.20
1514L 01 224	White	T5	G5	LED	GU5.3	2x24w	3x3w	605,22	0.65	1.20
1514L 02 224	Black	T5	G5	LED	GU5.3	2x24w	3x3w	623,38	0.65	1.20
1514L 90 224	Titanium	T5	G5	LED	GU5.3	2x24w	3x3w	623,38	0.65	1.20

* The T5 lamp is supplied in a standard manner with 4200° K

LED OSRAM DRAGON-X OPTIONS

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K
Ref. 86	6500°K

OPTIONS

IRC / Colour temperature

Ref. 83	830 / 3000°K Lamp
Ref. 86	860 / 6500°K Lamp

Rough increase of accessories

Ref. 3038	Joint 90°	38,10
Ref. 3039	Intermediate joint	8,20

Rough increase of the control gear

Ref. BR	Dimmable ballast 1-10v	72,00
Ref. TD	Dimmable ballast Touch and Dim	74,00



Rough increase of accessories

Ref. 3080	Controller MR16 LED RGB lamp	€ 6,60
-----------	------------------------------	--------

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.



Ref. 3038 Joint 90°



Ref. 3039 Intermediate joint.

Example to write a reference with options

Esselte 2xT5+6xLED. 2x14wL. sensor control system

Ref. **1507L 02 214 83 84 FP**

Inside Black 3000°K 4000°K

Esselte

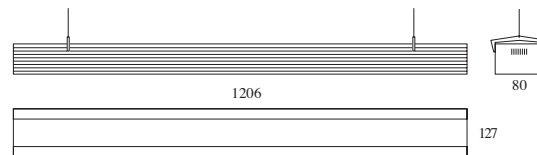


Esselte 2xT5

Includes electronic ballast, suspension and T5 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE	
						lum.	lamp
1503 01 214	White	T5	G5	2x14w	284,52	0.65	0.60
1503 02 214	Black	T5	G5	2x14w	303,67	0.65	0.60
1503 90 214	Titanium	T5	G5	2x14w	303,67	0.65	0.60
1503 01 224	White	T5	G5	2x24w	294,82	0.65	0.60
1503 02 224	Black	T5	G5	2x24w	303,66	0.65	0.60
1503 90 224	Titanium	T5	G5	2x24w	303,66	0.65	0.60

* La lampT-5 se suministra of manera standar con 4200° K





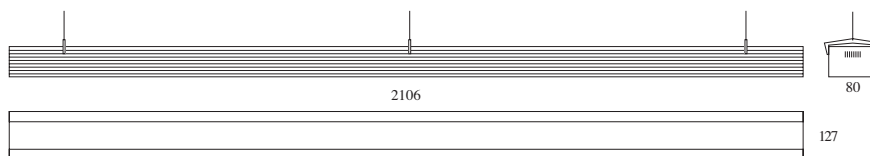
Esselte 3xT5

Includes electronic ballast, and suspension and T5 lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp	
1509 01 314	White	T5	G5	3x14w	482,84	0.65	0.90
1509 02 314	Black	T5	G5	3x14w	497,34	0.65	0.90
1509 90 314	Titanium	T5	G5	3x14w	497,34	0.65	0.90
1509 01 324	White	T5	G5	3x24w	493,14	0.65	0.90
1509 02 324	Black	T5	G5	3x24w	507,95	0.65	0.90
1509 90 324	Titanium	T5	G5	3x24w	507,95	0.65	0.90

* La lampT-5 se suministra of manera standar con 4200° K



OPTIONS

IRC / Colour temperature

Ref. 83	830 / 3000°K Lamp
Ref. 86	860 / 6500°K Lamp



Ref. **3038**
Joint 90°



Ref. **3039**
Intermediate joint.

Rough increase of accessories

Ref. 3038 Joint 90°	38,10
Ref. 3039 Intermediate joint	8,20

Rough increase of the control gear

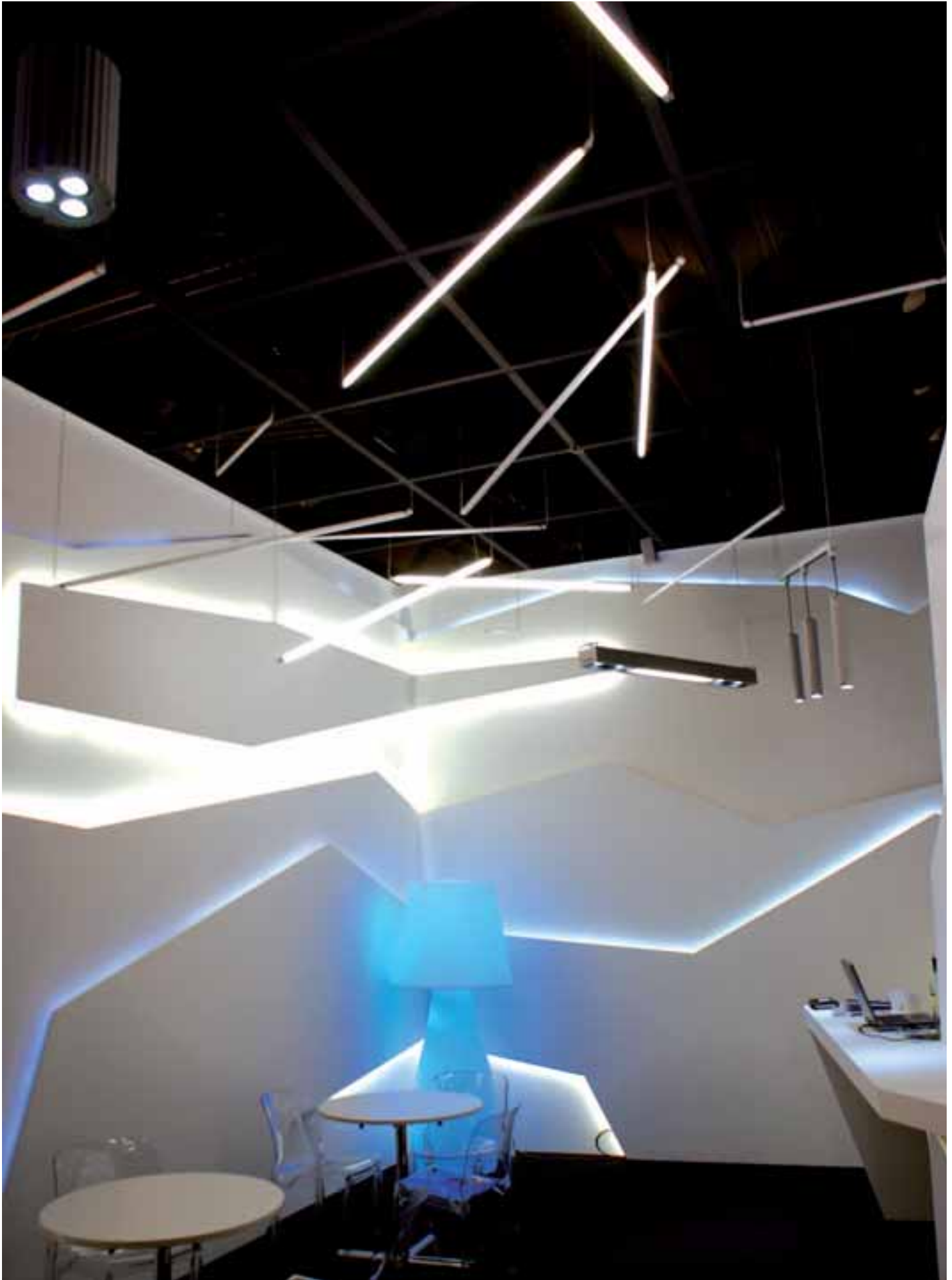
	2x14/24w €
Ref. BR Dimmable ballast 1-10v	72,00
Ref. TD Dimmable ballast Touch and Dim	74,00
Ref. CF Lighting control system "master"	129,00
Ref. FP Lighting sensor control system "master"	290,00

Example to write a reference with options

Esselte 2xT5+3xLED 2x14w. sensor control system

Ref. 1508L 02 214 83 FP

Inside Black 3000°K



Libu

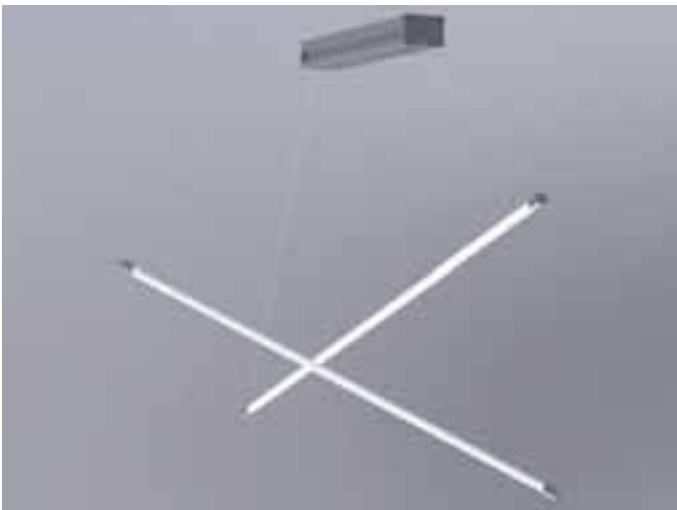
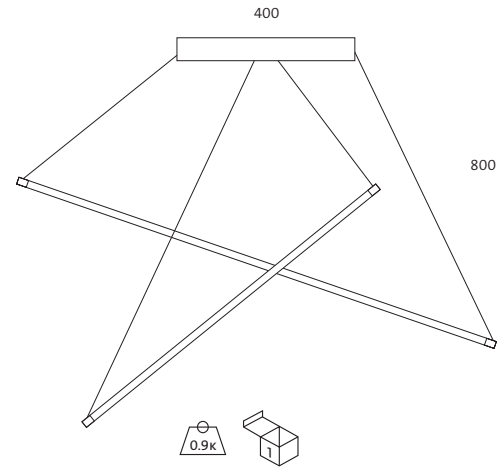
Protection degree IP20

- Material:** Thermo-painted cast aluminium.
- Supply:** Includes electronic equipment.
- Lamps:** Philips TL5 fluorescent lamps 14, 21, 28 and 35 watts. Supplied with lamp 840 standard, 4000K°. Optionally with 830/865 (3000 and 6500°K). It comes standard with 840 lamp with colour temperature of 4000 ° ky 830/865 optionally with respective temperatures of 3000 ° K and 6500 ° k.
- Installation:** Installed on ceiling with bolts (not supplied).
- Colours:** Aluminium.
- Opciones:** Different cable lengths available optionally.

Includes electronic equipment and lamps

Ref.	Colour	Lamp	w1	w2	long1	long2	€	RAEE	
								lum.	lamp
3096 14 14 84	Aluminium	TL5	1x14w	1x14w	600	600	391,60	0.30	0.60
3096 14 21 84	Aluminium	TL5	1x14w	1x21w	600	900	410,45	0.30	0.60
3096 14 28 84	Aluminium	TL5	1x14w	1x28w	600	1200	410,45	0.30	0.60
3096 14 35 84	Aluminium	TL5	1x14w	1x35w	600	1500	410,45	0.30	0.60
3096 21 21 84	Aluminium	TL5	1x21w	1x21w	900	900	397,16	0.30	0.60
3096 21 28 84	Aluminium	TL5	1x21w	1x28w	900	1200	410,45	0.30	0.60
3096 21 35 84	Aluminium	TL5	1x21w	1x35w	900	1500	410,45	0.30	0.60
3096 28 28 84	Aluminium	TL5	1x28w	1x28w	1200	1200	397,16	0.30	0.60
3096 28 35 84	Aluminium	TL5	1x28w	1x35w	1200	1500	410,45	0.30	0.60
3096 35 35 84	Aluminium	TL5	1x35w	1x35w	1500	1500	397,06	0.30	0.60

* Supplied in a standard manner with 4000° K lamp



OPTIONS

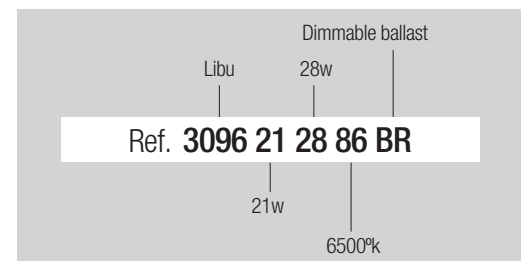
IRC / Colour temperature

Ref. 83	830 / 3000°K Lamp
Ref. 86	860 / 6500°K Lamp

Rough increase of the control gear

	€
Ref. BR Dimmable ballast 1-10v	74,00
Ref. TD Dimmable ballast Touch and Dim	80,00

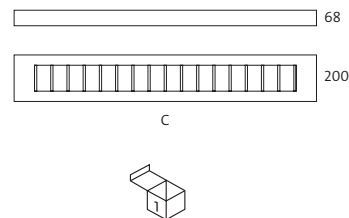
Example to write a reference with options



Kra T5

Protection degree IP20 / IP43

- Material:** Extruded aluminium, ultra-flat structure in steel sheet thermo painted.
- Optics:** Brightness aluminium reflector, included. Parabolic diffuser (Ref. PB), diffuser with a grid (Ref. R) or opal plastic diffuser (Ref. P).
- Supply:** Electronic ballasts adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** Fluorescent ultraslim T5 tubes of diameter 16 mm, supplied with 840 lamps (colour temperature: 4000°k); we can also supply with 830/865 lamps (colour temperature: 3000°k and 6500°k).
- Installation:** Directly screw on ceilings or hang up with a suspension kit.
- Colours:** White, chrome matt and titanium.



Includes electronic ballast and T5 lamp 840 (without diffuser)

Ref.	Colour	Watts	Measures	€	RAEE lum.	RAEE lamp
KRA 01 128	White	1x28W	1300	267,67	0.65	0.30
KRA 52 128	Chrome matt	1x28W	1300	275,70	0.65	0.30
KRA 90 128	Titanium	1x28W	1300	275,70	0.65	0.30
KRA 01 135	White	1x35W	1600	262,15	0.65	0.30
KRA 52 135	Chrome matt	1x35W	1600	270,02	0.65	0.30
KRA 90 135	Titanium	1x35W	1600	270,02	0.65	0.30
KRA 01 149	White	1x49W	1600	295,59	0.65	0.30
KRA 52 149	Chrome matt	1x49W	1600	304,46	0.65	0.30
KRA 90 149	Titanium	1x49W	1600	304,46	0.65	0.30
KRA 01 154	White	1x54W	1300	267,69	0.65	0.30
KRA 52 154	Chrome matt	1x54W	1300	275,72	0.65	0.30
KRA 90 154	Titanium	1x54W	1300	275,72	0.65	0.30
KRA 01 228	White	2x28W	1300	289,45	0.65	0.60
KRA 52 228	Chrome matt	2x28W	1300	298,13	0.65	0.60
KRA 90 228	Titanium	2x28W	1300	298,13	0.65	0.60
KRA 01 235	White	2x35W	1600	311,55	0.65	0.60
KRA 52 235	Chrome matt	2x35W	1600	320,90	0.65	0.60
KRA 90 235	Titanium	2x35W	1600	320,90	0.65	0.60
KRA 01 249	White	2x49W	1600	311,55	0.65	0.60
KRA 52 249	Chrome matt	2x49W	1600	320,90	0.65	0.60
KRA 90 249	Titanium	2x49W	1600	320,90	0.65	0.60
KRA 01 254	White	2x54W	1300	289,47	0.65	0.60
KRA 52 254	Chrome matt	2x54W	1300	298,15	0.65	0.60
KRA 90 254	Titanium	2x54W	1300	298,15	0.65	0.60

Includes electronic ballast, diffuser with a grid and T5 lamp 840

Ref.	Colour	Watts	Measures	€	RAEE lum.	RAEE lamp
KRAR 01 128	White	1x28W	1300	287,12	0.65	0.30
KRAR 52 128	Chrome matt	1x28W	1300	295,73	0.65	0.30
KRAR 90 128	Titanium	1x28W	1300	295,73	0.65	0.30
KRAR 01 135	White	1x35W	1600	318,45	0.65	0.30
KRAR 52 135	Chrome matt	1x35W	1600	328,00	0.65	0.30
KRAR 90 135	Titanium	1x35W	1600	328,00	0.65	0.30
KRAR 01 149	White	1x49W	1600	318,50	0.65	0.30
KRAR 52 149	Chrome matt	1x49W	1600	328,06	0.65	0.30
KRAR 90 149	Titanium	1x49W	1600	328,06	0.65	0.30
KRAR 01 154	White	1x54W	1300	287,14	0.65	0.30
KRAR 52 154	Chrome matt	1x54W	1300	295,75	0.65	0.30
KRAR 90 154	Titanium	1x54W	1300	295,75	0.65	0.30
KRAR 01 228	White	2x28W	1300	308,52	0.65	0.60
KRAR 52 228	Chrome matt	2x28W	1300	317,78	0.65	0.60
KRAR 90 228	Titanium	2x28W	1300	317,78	0.65	0.60
KRAR 01 235	White	2x35W	1600	334,77	0.65	0.60
KRAR 52 235	Chrome matt	2x35W	1600	344,81	0.65	0.60
KRAR 90 235	Titanium	2x35W	1600	344,81	0.65	0.60
KRAR 01 249	White	2x49W	1600	334,79	0.65	0.60
KRAR 52 249	Chrome matt	2x49W	1600	344,83	0.65	0.60
KRAR 90 249	Titanium	2x49W	1600	344,83	0.65	0.60
KRAR 01 254	White	2x54W	1300	308,54	0.65	0.60
KRAR 52 254	Chrome matt	2x54W	1300	317,80	0.65	0.60
KRAR 90 254	Titanium	2x54W	1300	317,80	0.65	0.60

OPTIONS

IRC / Colour temperature

Ref. 83	830 / 3000°K Lamp
Ref. 86	860 / 6500°K Lamp

Rough increase of the control gear

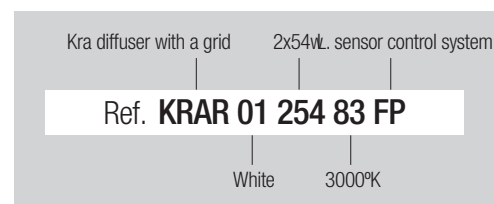
	€	1 lamp €	2 lamps €
Ref. BR Dimmable ballast 1-10v		63.00	74.00
Ref. TD Dimmable ballast Touch and Dim		65.00	80.00
Ref. CF Lighting control system "master"		120.00	135.00
Ref. FP Lighting sensor control system "master"		270.00	270.00
Ref. KE Emergency kit	110.00		

Rough increase of accessories

	€
Ref. SCBA/OV Suspension cable aluminium*	6,29
Ref. 3097 Intermediate joint	48,00
Ref. WL Wieland connector	16,30

* For other types of suspension consistent with the model Kra see página 293.

Example to write a reference with options





Includes electronic ballast, opal diffuser (IP 43) and T5 lamp 840

Ref.	Colour	Watts	Measures	€	RAEE lum. lamp	
KRAP 01 128	White	1x28W	1300	281,32	0.65	0.30
KRAP 52 128	Chrome matt	1x28W	1300	289,76	0.65	0.30
KRAP 90 128	Titanium	1x28W	1300	289,76	0.65	0.30
KRAP 01 135	White	1x35W	1600	329,83	0.65	0.30
KRAP 52 135	Chrome matt	1x35W	1600	339,73	0.65	0.30
KRAP 90 135	Titanium	1x35W	1600	339,73	0.65	0.30
KRAP 01 149	White	1x49W	1600	329,83	0.65	0.30
KRAP 52 149	Chrome matt	1x49W	1600	339,73	0.65	0.30
KRAP 90 149	Titanium	1x49W	1600	339,73	0.65	0.30
KRAP 01 154	White	1x54W	1300	281,34	0.65	0.30
KRAP 52 154	Chrome matt	1x54W	1300	289,78	0.65	0.30
KRAP 90 154	Titanium	1x54W	1300	289,78	0.65	0.30
KRAP 01 228	White	2x28W	1300	323,44	0.65	0.60
KRAP 52 228	Chrome matt	2x28W	1300	333,14	0.65	0.60
KRAP 90 228	Titanium	2x28W	1300	333,14	0.65	0.60
KRAP 01 235	White	2x35W	1600	348,16	0.65	0.60
KRAP 52 235	Chrome matt	2x35W	1600	358,60	0.65	0.60
KRAP 90 235	Titanium	2x35W	1600	358,60	0.65	0.60
KRAP 01 249	White	2x49W	1600	348,26	0.65	0.60
KRAP 52 249	Chrome matt	2x49W	1600	358,70	0.65	0.60
KRAP 90 249	Titanium	2x49W	1600	358,70	0.65	0.60
KRAP 01 254	White	2x54W	1300	323,46	0.65	0.60
KRAP 52 254	Chrome matt	2x54W	1300	333,16	0.65	0.60
KRAP 90 254	Titanium	2x54W	1300	333,16	0.65	0.60

Includes electronic ballast, parabolic diffuser and T5 lamp 840

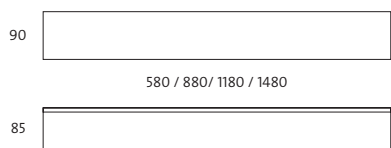
Ref.	Colour	Watts	Measures	€	RAEE lum. lamp	
KRAPB 01 128	White	1x28W	1300	292,04	0.65	0.30
KRAPB 52 128	Chrome matt	1x28W	1300	300,80	0.65	0.30
KRAPB 90 128	Titanium	1x28W	1300	300,80	0.65	0.30
KRAPB 01 135	White	1x35W	1600	348,78	0.65	0.30
KRAPB 52 135	Chrome matt	1x35W	1600	359,25	0.65	0.30
KRAPB 90 135	Titanium	1x35W	1600	359,25	0.65	0.30
KRAPB 01 149	White	1x49W	1600	348,80	0.65	0.30
KRAPB 52 149	Chrome matt	1x49W	1600	359,27	0.65	0.30
KRAPB 90 149	Titanium	1x49W	1600	359,27	0.65	0.30
KRAPB 01 154	White	1x54W	1300	292,09	0.65	0.30
KRAPB 52 154	Chrome matt	1x54W	1300	300,86	0.65	0.30
KRAPB 90 154	Titanium	1x54W	1300	300,86	0.65	0.30
KRAPB 01 228	White	2x28W	1300	328,05	0.65	0.60
KRAPB 52 228	Chrome matt	2x28W	1300	337,89	0.65	0.60
KRAPB 90 228	Titanium	2x28W	1300	337,89	0.65	0.60
KRAPB 01 235	White	2x35W	1600	359,94	0.65	0.60
KRAPB 52 235	Chrome matt	2x35W	1600	370,74	0.65	0.60
KRAPB 90 235	Titanium	2x35W	1600	370,74	0.65	0.60
KRAPB 01 249	White	2x49W	1600	359,96	0.65	0.60
KRAPB 52 249	Chrome matt	2x49W	1600	370,76	0.65	0.60
KRAPB 90 249	Titanium	2x49W	1600	370,76	0.65	0.60
KRAPB 01 254	White	2x54W	1300	328,07	0.65	0.60
KRAPB 52 254	Chrome matt	2x54W	1300	337,91	0.65	0.60
KRAPB 90 254	Titanium	2x54W	1300	337,91	0.65	0.60



Futur

Protection degree IP20 / IP43

- Material:** Extruded aluminium, ultra-flat structure in steel sheet thermo painted.
- Optics:** Brightness aluminium reflector, included. Parabolic diffuser (Ref. PB), diffuser with a grid (Ref. R) or opal plastic diffuser (Ref. P).
- Supply:** Electronic ballasts adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** Fluorescent ultraslim T5 tubes of diameter 16 mm, supplied with 840 lamps (colour temperature: 4000°k); we can also supply with 830/865 lamps (colour temperature: 3000°k and 6500°k).
- Installation:** Directly screw on ceilings or hang up with a suspension kit.
- Colours:** White, black, chrome matt and titanium.



Includes electronic ballast, parabolic diffuser and 1 T5 lamp 84

Ref.	Colour	Watts	Measures	€	RAEE	
					lum.	lamp
3206 01 114	White	1x14W	580	157,16	0.65	0.30
3206 02 114	Black	1x14W	580	162,40	0.65	0.30
3206 52 114	Chrome matt	1x14W	580	162,40	0.65	0.30
3206 90 114	Titanium	1x14W	580	162,40	0.65	0.30
3206 01 121	White	1x21W	880	164,80	0.65	0.30
3206 02 121	Black	1x21W	880	168,50	0.65	0.30
3206 52 121	Chrome matt	1x21W	880	168,50	0.65	0.30
3206 90 121	Titanium	1x21W	880	168,50	0.65	0.30
3206 01 124	White	1x24W	580	159,90	0.65	0.30
3206 02 124	Black	1x24W	580	164,40	0.65	0.30
3206 52 124	Chrome matt	1x24W	580	164,40	0.65	0.30
3206 90 124	Titanium	1x24W	580	164,40	0.65	0.30
3206 01 128	White	1x28W	1180	198,16	0.65	0.30
3206 02 128	Black	1x28W	1180	202,20	0.65	0.30
3206 52 128	Chrome matt	1x28W	1180	202,20	0.65	0.30
3206 90 128	Titanium	1x28W	1180	202,20	0.65	0.30
3206 01 135	White	1x35W	1480	227,60	0.65	0.30
3206 02 135	Black	1x35W	1480	231,30	0.65	0.30
3206 52 135	Chrome matt	1x35W	1480	231,30	0.65	0.30
3206 90 135	Titanium	1x35W	1480	231,30	0.65	0.30
3206 01 139	White	1x39W	880	168,80	0.65	0.30
3206 02 139	Black	1x39W	880	171,20	0.65	0.30
3206 52 139	Chrome matt	1x39W	880	171,20	0.65	0.30
3206 90 139	Titanium	1x39W	880	171,20	0.65	0.30
3206 01 149	White	1x49W	1480	227,60	0.65	0.30
3206 02 149	Black	1x49W	1480	231,30	0.65	0.30
3206 52 149	Chrome matt	1x49W	1480	231,30	0.65	0.30
3206 90 149	Titanium	1x49W	1480	231,30	0.65	0.30
3206 01 154	White	1x54W	1180	198,16	0.65	0.30
3206 02 154	Black	1x54W	1180	202,20	0.65	0.30
3206 52 154	Chrome matt	1x54W	1180	202,20	0.65	0.30
3206 90 154	Titanium	1x54W	1180	202,20	0.65	0.30
3206 01 180	White	1x80W	1480	236,80	0.65	0.30
3206 02 180	Black	1x80W	1480	242,40	0.65	0.30
3206 52 180	Chrome matt	1x80W	1480	242,40	0.65	0.30
3206 90 180	Titanium	1x80W	1480	242,40	0.65	0.30

OPTIONS

IRC / Colour temperature

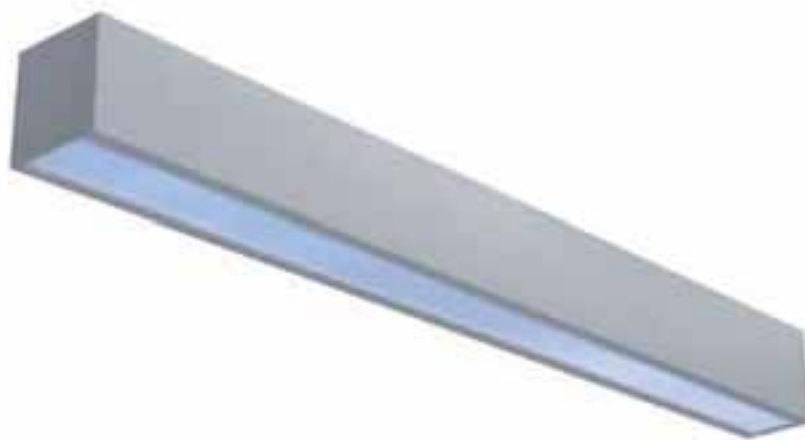
Ref. 83	830 / 3000°K Lamp
Ref. 86	860 / 6500°K Lamp

Rough increase of the control gear		€	1 lamp €	2 lamps €
Ref. BR	Dimmable ballast 1-10v		63.00	74.00
Ref. TD	Dimmable ballast Touch and Dim		65.00	80.00
Ref. CF	Lighting control system "master"		120.00	135.00
Ref. FP	Lighting sensor control system "master"		270.00	270.00
Ref. KE	Emergency kit	110.00		

Rough increase of accessories		€
Ref. SCBA/OV	Suspension cable aluminium	6,29
Ref. 3097	Intermediate joint	48,00
Ref. WL	Wieland connector	16,30



Surface Futur. 1 T5 lamp

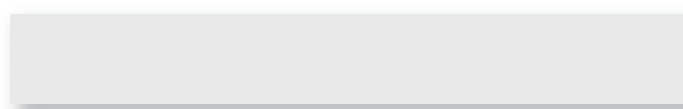


Includes electronic ballast, prismatic diffuser and 1 T5 lamp 84

Ref.	Colour	Watts	Measures	€	RAEE lum. lamp	
3206P 01 114	White	1x14W	580	157,16	0.65	0.30
3206P 02 114	Black	1x14W	580	162,40	0.65	0.30
3206P 52 114	Chrome matt	1x14W	580	162,40	0.65	0.30
3206P 90 114	Titanium	1x14W	580	162,40	0.65	0.30
3206P 01 121	White	1x21W	880	164,80	0.65	0.30
3206P 02 121	Black	1x21W	880	168,50	0.65	0.30
3206P 52 121	Chrome matt	1x21W	880	168,50	0.65	0.30
3206P 90 121	Titanium	1x21W	880	168,50	0.65	0.30
3206P 01 124	White	1x24W	580	159,90	0.65	0.30
3206P 02 124	Black	1x24W	580	164,40	0.65	0.30
3206P 52 124	Chrome matt	1x24W	580	164,40	0.65	0.30
3206P 90 124	Titanium	1x24W	580	164,40	0.65	0.30
3206P 01 128	White	1x28W	1180	198,16	0.65	0.30
3206P 02 128	Black	1x28W	1180	202,20	0.65	0.30
3206P 52 128	Chrome matt	1x28W	1180	202,20	0.65	0.30
3206P 90 128	Titanium	1x28W	1180	202,20	0.65	0.30
3206P 01 135	White	1x35W	1480	227,60	0.65	0.30
3206P 02 135	Black	1x35W	1480	231,30	0.65	0.30
3206P 52 135	Chrome matt	1x35W	1480	231,30	0.65	0.30
3206P 90 135	Titanium	1x35W	1480	231,30	0.65	0.30
3206P 01 139	White	1x39W	880	168,80	0.65	0.30
3206P 02 139	Black	1x39W	880	171,20	0.65	0.30
3206P 52 139	Chrome matt	1x39W	880	171,20	0.65	0.30
3206P 90 139	Titanium	1x39W	880	171,20	0.65	0.30
3206P 01 149	White	1x49W	1480	227,60	0.65	0.30
3206P 02 149	Black	1x49W	1480	231,30	0.65	0.30
3206P 52 149	Chrome matt	1x49W	1480	231,30	0.65	0.30
3206P 90 149	Titanium	1x49W	1480	231,30	0.65	0.30
3206P 01 154	White	1x54W	1180	198,16	0.65	0.30
3206P 02 154	Black	1x54W	1180	202,20	0.65	0.30
3206P 52 154	Chrome matt	1x54W	1180	202,20	0.65	0.30
3206P 90 154	Titanium	1x54W	1180	202,20	0.65	0.30
3206P 01 180	White	1x80W	1480	236,80	0.65	0.30
3206P 02 180	Black	1x80W	1480	242,40	0.65	0.30
3206P 52 180	Chrome matt	1x80W	1480	242,40	0.65	0.30
3206P 90 180	Titanium	1x80W	1480	242,40	0.65	0.30

Includes electronic ballast, opal diffuser and 1 T5 lamp 84

Ref.	Colour	Watts	Measures	€	RAEE lum. lamp	
3206Q 01 114	White	1x14W	580	158,57	0.65	0.30
3206Q 02 114	Black	1x14W	580	164,02	0.65	0.30
3206Q 52 114	Chrome matt	1x14W	580	164,02	0.65	0.30
3206Q 90 114	Titanium	1x14W	580	164,02	0.65	0.30
3206Q 01 121	White	1x21W	880	166,44	0.65	0.30
3206Q 02 121	Black	1x21W	880	170,18	0.65	0.30
3206Q 52 121	Chrome matt	1x21W	880	170,18	0.65	0.30
3206Q 90 121	Titanium	1x21W	880	170,18	0.65	0.30
3206Q 01 124	White	1x24W	580	161,49	0.65	0.30
3206Q 02 124	Black	1x24W	580	166,04	0.65	0.30
3206Q 52 124	Chrome matt	1x24W	580	166,04	0.65	0.30
3206Q 90 124	Titanium	1x24W	580	166,04	0.65	0.30
3206Q 01 128	White	1x28W	1180	200,14	0.65	0.30
3206Q 02 128	Black	1x28W	1180	204,22	0.65	0.30
3206Q 52 128	Chrome matt	1x28W	1180	204,22	0.65	0.30
3206Q 90 128	Titanium	1x28W	1180	204,22	0.65	0.30
3206Q 01 135	White	1x35W	1480	229,87	0.65	0.30
3206Q 02 135	Black	1x35W	1480	233,61	0.65	0.30
3206Q 52 135	Chrome matt	1x35W	1480	233,61	0.65	0.30
3206Q 90 135	Titanium	1x35W	1480	233,61	0.65	0.30
3206Q 01 139	White	1x39W	880	170,48	0.65	0.30
3206Q 02 139	Black	1x39W	880	172,91	0.65	0.30
3206Q 52 139	Chrome matt	1x39W	880	172,91	0.65	0.30
3206Q 90 139	Titanium	1x39W	880	172,91	0.65	0.30
3206Q 01 149	White	1x49W	1480	229,87	0.65	0.30
3206Q 02 149	Black	1x49W	1480	233,61	0.65	0.30
3206Q 52 149	Chrome matt	1x49W	1480	233,61	0.65	0.30
3206Q 90 149	Titanium	1x49W	1480	233,61	0.65	0.30
3206Q 01 154	White	1x54W	1180	200,14	0.65	0.30
3206Q 02 154	Black	1x54W	1180	204,22	0.65	0.30
3206Q 52 154	Chrome matt	1x54W	1180	204,22	0.65	0.30
3206Q 90 154	Titanium	1x54W	1180	204,22	0.65	0.30
3206Q 01 180	White	1x80W	1480	239,16	0.65	0.30
3206Q 02 180	Black	1x80W	1480	244,82	0.65	0.30
3206Q 52 180	Chrome matt	1x80W	1480	244,82	0.65	0.30
3206Q 90 180	Titanium	1x80W	1480	244,82	0.65	0.30



Surface Futur. 2 T5 lamp

Includes electronic ballast, parabolic diffuser and 2 T5 lamp 84

Ref.	Colour	Watts	Measures	€	RAEE lum. lamp	
3206 01 214	White	2x14W	580	202,10	0.65	0.60
3206 02 214	Black	2x14W	580	206,90	0.65	0.60
3206 52 214	Chrome matt	2x14W	580	206,90	0.65	0.60
3206 90 214	Titanium	2x14W	580	206,90	0.65	0.60
3206 01 221	White	2x21W	880	209,20	0.65	0.60
3206 02 221	Black	2x21W	880	214,30	0.65	0.60
3206 52 221	Chrome matt	2x21W	880	214,30	0.65	0.60
3206 90 221	Titanium	2x21W	880	214,30	0.65	0.60
3206 01 224	White	2x24W	580	204,90	0.65	0.60
3206 02 224	Black	2x24W	580	209,70	0.65	0.60
3206 52 224	Chrome matt	2x24W	580	209,70	0.65	0.60
3206 90 224	Titanium	2x24W	580	209,70	0.65	0.60
3206 01 228	White	2x28W	1180	243,70	0.65	0.60
3206 02 228	Black	2x28W	1180	248,80	0.65	0.60
3206 52 228	Chrome matt	2x28W	1180	248,80	0.65	0.60
3206 90 228	Titanium	2x28W	1180	248,80	0.65	0.60
3206 01 235	White	2x35W	1480	273,70	0.65	0.60
3206 02 235	Black	2x35W	1480	280,50	0.65	0.60
3206 52 235	Chrome matt	2x35W	1480	280,50	0.65	0.60
3206 90 235	Titanium	2x35W	1480	280,50	0.65	0.60
3206 01 239	White	2x39W	880	210,25	0.65	0.60
3206 02 239	Black	2x39W	880	215,35	0.65	0.60
3206 52 239	Chrome matt	2x39W	880	215,35	0.65	0.60
3206 90 239	Titanium	2x39W	880	215,35	0.65	0.60
3206 01 249	White	2x49W	1480	273,70	0.65	0.60
3206 02 249	Black	2x49W	1480	280,50	0.65	0.60
3206 52 249	Chrome matt	2x49W	1480	280,50	0.65	0.60
3206 90 249	Titanium	2x49W	1480	280,50	0.65	0.60
3206 01 254	White	2x54W	1180	243,70	0.65	0.60
3206 02 254	Black	2x54W	1180	248,80	0.65	0.60
3206 52 254	Chrome matt	2x54W	1180	248,80	0.65	0.60
3206 90 254	Titanium	2x54W	1180	248,80	0.65	0.60
3206 01 280	White	2x80W	1480	289,40	0.65	0.60
3206 02 280	Black	2x80W	1480	296,20	0.65	0.60
3206 52 280	Chrome matt	2x80W	1480	296,20	0.65	0.60
3206 90 280	Titanium	2x80W	1480	296,20	0.65	0.60



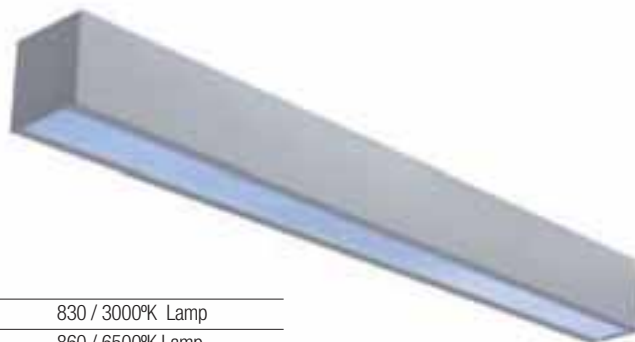
Surface Futur. 2 T5 lamp

Includes electronic ballast, prismatic diffuser and 2 T5 lamp 84

Ref.	Colour	Watts	Measures	€	RAEE lum. lamp
3206P 01 214	White	2x14W	580	167,10	0.65 0.60
3206P 02 214	Black	2x14W	580	171,90	0.65 0.60
3206P 52 214	Chrome matt	2x14W	580	171,90	0.65 0.60
3206P 90 214	Titanium	2x14W	580	171,90	0.65 0.60
3206P 01 221	White	2x21W	880	174,20	0.65 0.60
3206P 02 221	Black	2x21W	880	179,30	0.65 0.60
3206P 52 221	Chrome matt	2x21W	880	179,30	0.65 0.60
3206P 90 221	Titanium	2x21W	880	179,30	0.65 0.60
3206P 01 224	White	2x24W	580	169,90	0.65 0.60
3206P 02 224	Black	2x24W	580	174,70	0.65 0.60
3206P 52 224	Chrome matt	2x24W	580	174,70	0.65 0.60
3206P 90 224	Titanium	2x24W	580	174,70	0.65 0.60
3206P 01 228	White	2x28W	1180	208,70	0.65 0.60
3206P 02 228	Black	2x28W	1180	213,80	0.65 0.60
3206P 52 228	Chrome matt	2x28W	1180	213,80	0.65 0.60
3206P 90 228	Titanium	2x28W	1180	213,80	0.65 0.60
3206P 01 235	White	2x35W	1480	238,70	0.65 0.60
3206P 02 235	Black	2x35W	1480	245,50	0.65 0.60
3206P 52 235	Chrome matt	2x35W	1480	245,50	0.65 0.60
3206P 90 235	Titanium	2x35W	1480	245,50	0.65 0.60
3206P 01 239	White	2x39W	880	175,25	0.65 0.60
3206P 02 239	Black	2x39W	880	180,35	0.65 0.60
3206P 52 239	Chrome matt	2x39W	880	180,35	0.65 0.60
3206P 90 239	Titanium	2x39W	880	180,35	0.65 0.60
3206P 01 249	White	2x49W	1480	238,70	0.65 0.60
3206P 02 249	Black	2x49W	1480	245,50	0.65 0.60
3206P 52 249	Chrome matt	2x49W	1480	245,50	0.65 0.60
3206P 90 249	Titanium	2x49W	1480	245,50	0.65 0.60
3206P 01 254	White	2x54W	1180	208,70	0.65 0.60
3206P 02 254	Black	2x54W	1180	213,80	0.65 0.60
3206P 52 254	Chrome matt	2x54W	1180	213,80	0.65 0.60
3206P 90 254	Titanium	2x54W	1180	213,80	0.65 0.60
3206P 01 280	White	2x80W	1480	254,40	0.65 0.60
3206P 02 280	Black	2x80W	1480	261,20	0.65 0.60
3206P 52 280	Chrome matt	2x80W	1480	261,20	0.65 0.60
3206P 90 280	Titanium	2x80W	1480	261,20	0.65 0.60

Includes electronic ballast, opal diffuser and 2 T5 lamp 84

Ref.	Colour	Watts	Measures	€	RAEE lum. lamp
3206Q 01 214	White	2x14W	580	168,77	0.65 0.60
3206Q 02 214	Black	2x14W	580	176,61	0.65 0.60
3206Q 52 214	Chrome matt	2x14W	580	176,61	0.65 0.60
3206Q 90 214	Titanium	2x14W	580	176,61	0.65 0.60
3206Q 01 221	White	2x21W	880	175,94	0.65 0.60
3206Q 02 221	Black	2x21W	880	181,09	0.65 0.60
3206Q 52 221	Chrome matt	2x21W	880	181,09	0.65 0.60
3206Q 90 221	Titanium	2x21W	880	181,09	0.65 0.60
3206Q 01 224	White	2x24W	580	171,59	0.65 0.60
3206Q 02 224	Black	2x24W	580	176,44	0.65 0.60
3206Q 52 224	Chrome matt	2x24W	580	176,44	0.65 0.60
3206Q 90 224	Titanium	2x24W	580	176,44	0.65 0.60
3206Q 01 228	White	2x28W	1180	210,78	0.65 0.60
3206Q 02 228	Black	2x28W	1180	215,93	0.65 0.60
3206Q 52 228	Chrome matt	2x28W	1180	215,93	0.65 0.60
3206Q 90 228	Titanium	2x28W	1180	215,93	0.65 0.60
3206Q 01 235	White	2x35W	1480	241,08	0.65 0.60
3206Q 02 235	Black	2x35W	1480	247,95	0.65 0.60
3206Q 52 235	Chrome matt	2x35W	1480	247,95	0.65 0.60
3206Q 90 235	Titanium	2x35W	1480	247,95	0.65 0.60
3206Q 01 239	White	2x39W	880	177,00	0.65 0.60
3206Q 02 239	Black	2x39W	880	182,15	0.65 0.60
3206Q 52 239	Chrome matt	2x39W	880	182,15	0.65 0.60
3206Q 90 239	Titanium	2x39W	880	182,15	0.65 0.60
3206Q 01 249	White	2x49W	1480	241,08	0.65 0.60
3206Q 02 249	Black	2x49W	1480	247,95	0.65 0.60
3206Q 52 249	Chrome matt	2x49W	1480	247,95	0.65 0.60
3206Q 90 249	Titanium	2x49W	1480	247,95	0.65 0.60
3206Q 01 254	White	2x54W	1180	210,48	0.65 0.60
3206Q 02 254	Black	2x54W	1180	215,93	0.65 0.60
3206Q 52 254	Chrome matt	2x54W	1180	215,93	0.65 0.60
3206Q 90 254	Titanium	2x54W	1180	215,93	0.65 0.60
3206Q 01 280	White	2x80W	1480	256,94	0.65 0.60
3206Q 02 280	Black	2x80W	1480	263,81	0.65 0.60
3206Q 52 280	Chrome matt	2x80W	1480	263,81	0.65 0.60
3206Q 90 280	Titanium	2x80W	1480	263,81	0.65 0.60



OPTIONS

IRC / Colour temperature

Ref. 83	830 / 3000°K Lamp
Ref. 86	860 / 6500°K Lamp

Rough increase of the control gear

	€	1 lamp €	2 lamps €
Ref. BR Dimmable ballast 1-10v		63.00	74.00
Ref. TD Dimmable ballast Touch and Dim		65.00	80.00
Ref. CF Lighting control system "master"		120.00	135.00
Ref. FP Lighting sensor control system "master"		270.00	270.00
Ref. KE Emergency kit	110.00		

Rough increase of accessories

	€
Ref. SCBA/OV Suspension cable aluminium	6,29
Ref. 3097 Intermediate joint	48,00
Ref. WL Wieland connector	16,30

Example to write a reference with options

Futur prismático 2x80w Control of flujo

Ref. **3206P 90 280 83 CF**

Titanium 3000°K





Waterproof screen Berna. T8 lamp

Protection degree **IP65** / Protection degree **IK 8**

- Material:** Body made in polycarbonate.
Optics: Polycarbonate prismatic diffuser .
Supply: Control gear included in each model. We can supply as an option with high factor equipment (Ref. AF), dimmable ballast (Ref. BE), dimmable ballast 1-10v (Ref. BR), dimmable ballast Touch & Dim (Ref. TD), lighting control system (Ref. CF), lighting sensor control system (Ref. FP) and emergency kit (Ref. KE).
Lamps: Fluorescent T8 lamps, supplied with 840 lamps (colour temperature: 4000°k); we can also supply with 830/865 lamps (colour temperature: 3000°k and 6500°k).
Installation: Directly screw on ceilings (screw not included).
Colours: The body of the lamp is white. Translucent diffuser.



Includes electronic ballast

Ref.	Watts	Measures	€	RAEE lum..
907 118 BE	1x18W	680 x 105	28.23	0.65
907 136 BE	1x36W	1280 x 105	35.20	0.65
907 158 BE	1x58W	1600 x 105	45.62	0.65
907 218 BE	2x18W	680 x 175	35.62	0.65
907 236 BE	2x36W	1280 x 175	50.14	0.65
907 258 BE	2x58W	1600 x 175	67.77	0.65

Includes electronic ballast and lamps T8 840.

Ref.	Watts	Measures	€	RAEE lum. lamp
907 118 84 BE	1x18W	680 x 105	30.99	0.65 0.30
907 136 84 BE	1x36W	1280 x 105	38.29	0.65 0.30
907 158 84 BE	1x58W	1600 x 105	49.09	0.65 0.30
907 218 84 BE	2x18W	680 x 175	41.13	0.65 0.60
907 236 84 BE	2x36W	1280 x 175	56.31	0.65 0.60
907 258 84 BE	2x58W	1600 x 175	74.71	0.65 0.60

T8 LED LAMP OPTION

Osram Golden Dragon Plus Components

Rough increase of the LED	N° leds	Watts	Replaceable by:	Temp.Colour	€ (per lamp)
Ref. 3162 09	8 leds	9w	18w	5400°K	87,50
Ref. 3162 15	13 leds	15w	36w	5400°K	122,30
Ref. 3162 20	17 leds	20w	58w	5400°K	160,90

Driver suitable to type of lamp and wattage included in each model.
 T8 leds lamps are not compatible with lighting control DALI system (ACTILUME Accept an emergency kit).



OPTIONS T8 LED

IRC / Colour temperature	€
Ref. 83	3300°K
Ref. 85	5400°K

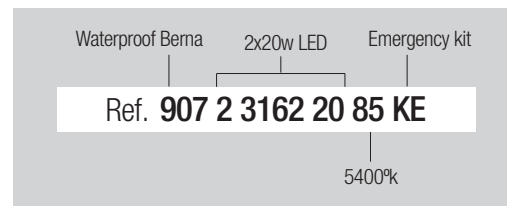
OPTIONS

IRC / Colour temperature	€
Ref. 83	830 / 3000°K Lamp
Ref. 86	860 / 6500°K Lamp

Rough increase of the control gear	€	1 lamp	2 lamps
Ref. AF High factor	2.90	€	€
Ref. BR Dimmable ballast 1-10v		68.80	80.00
Ref. TD Dimmable ballast Touch and Dim		69.60	85.00
Ref. CF Lighting control system "master"		120.00	130.00
Ref. FP Lighting sensor control system "master"		219.90	235.00
Ref. KE Emergency kit	110.00		

Rough increase of accessories	€
Ref. CCC Metallic lock (unit)	0.50
Ref. WL Wieland connector	16.30

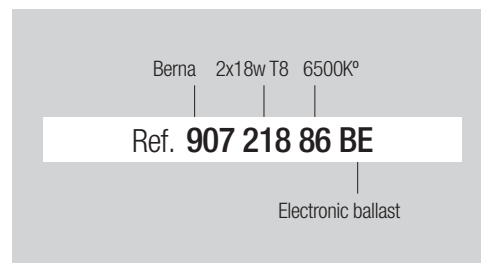
Example to write a reference with LEDS options



Ref. **907 2 3162 20 85 KE**

5400°K

Example to write a reference with options



Ref. **907 218 86 BE**

Electronic ballast

Waterproof screen Berna. T8/T5

Waterproof screen Berna. T5 lamp

Protection degree IP65 / Protection degree IK 8

- Material:** Body made in polycarbonate.
- Optics:** Polycarbonate prismatic diffuser .
- Supply:** Electronics ballasts in all the models for T5 are included. We can supply as an option with high factor equipment (Ref. AF), dimmable ballast (Ref.BE), dimmable ballast 1-10v (Ref. BR), dimmable ballast Touch & Dim (Ref. TD), lighting control system (Ref. CF), lighting sensor control system (Ref. FP) and emergency kit (Ref. KE).
- Lamps:** Fluorescent ultraslim T5 tubes of diameter 16 mm, supplied with 840 lamps (colour temperature: 4000°k); we can also supply with 830/865 lamps (colour temperature: 3000°k and 6500°k).
- Installation:** Directly screw on ceilings (screw not included).
- Colours:** The body of the lamp is white. Translucent diffuser.



Includes electronic ballast

Ref.	Watts	Measures	€	RAEE lum.
907 114	1x14W	680 x 105	55.51	0.65
907 124	1x24W	680 x 105	47.56	0.65
907 128	1x28W	1280 x 105	57.04	0.65
907 135	1x35W	1600 x 105	64.80	0.65
907 149	1x49W	1600 x 105	64.80	0.65
907 154	1x54W	1280 x 105	57.04	0.65
907 180	1x80W	1600 x 105	58.39	0.65
907 214	2x14W	680 x 105	56.36	0.65
907 224	2x24W	680 x 105	56.36	0.65
907 228	2x28W	1280 x 105	67.59	0.65
907 235	2x35W	1600 x 105	78.16	0.65
907 249	2x49W	1600 x 105	78.16	0.65
907 254	2x54W	1280 x 105	67.59	0.65
907 280	2x80W	1600 x 105	97.93	0.65

Includes electronic ballast and T5 lamp 840.

Ref.	Watts	Measures	€	RAEE lum.	RAEE lamp
907 114 84	1x14W	680 x 105	59.84	0.65	0.30
907 124 84	1x24W	680 x 105	51.89	0.65	0.30
907 128 84	1x28W	1280 x 105	61.36	0.65	0.30
907 135 84	1x35W	1600 x 105	69.13	0.65	0.30
907 149 84	1x49W	1600 x 105	69.13	0.65	0.30
907 154 84	1x54W	1280 x 105	61.36	0.65	0.30
907 180 84	1x80W	1600 x 105	73.01	0.65	0.30
907 214 84	2x14W	680 x 105	65.01	0.65	0.60
907 224 84	2x24W	680 x 105	65.01	0.65	0.60
907 228 84	2x28W	1280 x 105	76.25	0.65	0.60
907 235 84	2x35W	1600 x 105	89.81	0.65	0.60
907 249 84	2x49W	1600 x 105	89.81	0.65	0.60
907 254 84	2x54W	1280 x 105	76.25	0.65	0.60
907 280 84	2x80W	1600 x 105	106.99	0.65	0.60

OPTIONS

IRC / Colour temperature

Ref.	Description	€	1 lamp	2 lamps
Ref. 83	830 / 3000°K Lamp			
Ref. 86	860 / 6500°K Lamp			
Ref. BR	Dimmable ballast 1-10v		63.00	74.00
Ref. TD	Dimmable ballast Touch and Dim		65.00	80.00
Ref. CF	Lighting control system "master"		120.00	135.00
Ref. FP	Lighting sensor control system "master"		270.00	270.00
Ref. KE	Emergency kit	110.00		

Rough increase of accessories

Ref.	Description	€
Ref. CCC	Metallic lock (unit)	0.50
Ref. WL	Wieland connector	16.30

Example to write a reference with options

Berna 2x14w T5 6500K°

Ref. 907 214 86 BR

Dimmable ballast 1-10v



Pla

Protection degree IP20 / IP43

- Material:** Extruded aluminium structure, tubular shaped, thermo painted.
- Optics:** Brightness aluminium reflector, included. Diffuser with a grid (Ref. R) or opal plastic diffuser (Ref. P).
- Supply:** Ballasts adapted to the type of lamp and to the power needed are included. It includes high factor.
- Lamps:** Fluorescent T8 tubes, supplied with 840 lamps (colour temperature: 4000°k); we can also supply with 830/865 lamps (colour temperature: 3000°k and 6500°k).
- Installation:** Directly screw on ceilings or hang up with a suspension kit.
- Colours:** White.

* It can be supplied in different colours with one increase of 15% on the price of the white version.

Includes control gear (AF) and lamps 840 (without diffuser)

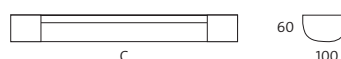
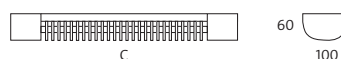
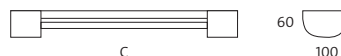
Ref.	Watts	Measures	€	RAEE lum. lamp
PLA 118 84	1x18W	900	105,16	0.30 0.30
PLA 136 84	1x36W	1500	128,54	0.30 0.30
PLA 158 84	1x58W	1900	155,06	0.30 0.30
PLA 218 84	2x18W	900	133,90	0.30 0.60
PLA 236 84	2x36W	1500	158,10	0.30 0.60
PLA 258 84	2x58W	1900	191,58	0.30 0.60

Includes control gear (AF), diffuser with a grid, lamps 84

Ref.	Watts	Measures	€	RAEE lum. lamp
PLAR 118 84	1x18W	900	117,83	0.30 0.30
PLAR 136 84	1x36W	1500	154,50	0.30 0.30
PLAR 158 84	1x58W	1900	188,69	0.30 0.30
PLAR 218 84	2x18W	900	146,67	0.30 0.60
PLAR 236 84	2x36W	1500	184,06	0.30 0.60
PLAR 258 84	2x58W	1900	224,54	0.30 0.60

Includes control gear (AF), opal diffuser (IP43) and lamps 840

Ref.	Watts	Measures	€	RAEE lum. lamp
PLAP 118 84	1x18W	900	117,42	0.30 0.30
PLAP 136 84	1x36W	1500	153,47	0.30 0.30
PLAP 158 84	1x58W	1900	187,76	0.30 0.30
PLAP 218 84	2x18W	900	145,53	0.30 0.60
PLAP 236 84	2x36W	1500	182,31	0.30 0.60
PLAP 258 84	2x58W	1900	223,71	0.30 0.60



OPTIONS

IRC / Colour temperature	
Ref. 83	830 Lamp 3000°K
Ref. 86	860 Lamp 6500°K

T8 LED LAMP OPTION

Osram Golden Dragon Plus Components

Rough increase of the LED	N° leds	Watts	Replaceable by:	Temp.Colour	€ (per lamp)
Ref. 3162 09	8 leds	9w	18w	5400°K	87,50
Ref. 3162 15	13 leds	15w	36w	5400°K	122,30
Ref. 3162 20	17 leds	20w	58w	5400°K	160,90

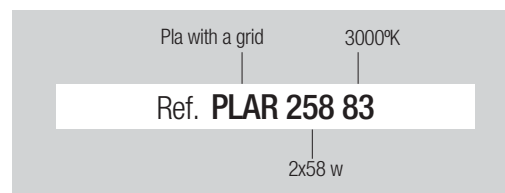
Driver suitable to type of lamp and wattage included in each model.
T8 leds lamps are not compatible with lighting control DALI system (ACTILUME Accept an emergency kit).



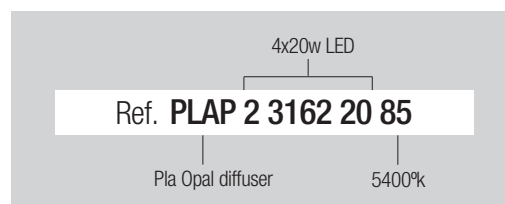
OPTIONS T8 LED

IRC / Colour temperature	
Ref. 83	3300°K
Ref. 85	5400°K

Example to write a reference with options



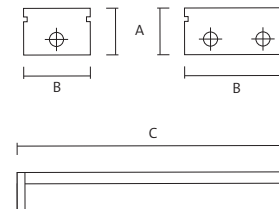
Example to write a reference with LED options



Luminary with prismatic diffuser

Protection degree IP45

- Material:** Steel sheet thermo painted.
- Optics:** Prismatic diffuser in polycarbonate.
- Supply:** Control gears are included in all the models.
- Lamps:** Fluorescent T8 tubes, supplied with 840 lamps (colour temperature: 4000°k); we can also supply with 830/865 lamps (colour temperature: 3000°k and 6500°k).
- Installation:** Directly screw on ceiling (screw not included).
- Colours:** White body and translucent diffuser.



Without lamp

Ref.	Watts	Measures>	A	B	C	€	RAEE lum.
905 118	1x18W		90	90	655	21,42	0.30
905 136	1x36W		90	90	1.265	26,91	0.30
905 158	1x58W		90	90	1.565	35,07	0.30
905 218	2x18W		90	180	650	25,07	0.30
905 236	2x36W		90	180	1.250	39,07	0.30
905 258	2x58W		90	180	1.560	53,46	0.30

Includes control gear and lamps T8 840.

Ref.	Watts	Measures>	A	B	C	€	RAEE lum.	RAEE lamp
905 118 84	1x18W		90	90	655	24,27	0.30	0.30
905 136 84	1x36W		90	90	1.265	30,11	0.30	0.30
905 158 84	1x58W		90	90	1.565	38,67	0.30	0.30
905 218 84	2x18W		90	180	650	30,79	0.30	0.60
905 236 84	2x36W		90	180	1.250	45,48	0.30	0.60
905 258 84	2x58W		90	180	1.560	60,67	0.30	0.60

T8 LED LAMP OPTION

Osram Golden Dragon Plus Components

Rough increase of the LED	N° leds	Watts	Replaceable by:	Temp. Colour	€ (per lamp)
Ref. 3162 09	8 leds	9w	18w	5400°K	87,50
Ref. 3162 15	13 leds	15w	36w	5400°K	122,30
Ref. 3162 20	17 leds	20w	58w	5400°K	160,90

Driver suitable to type of lamp and wattage included in each model.
T8 leds lamps are not compatible with lighting control DALI system (ACTILUME Accept an emergency kit).

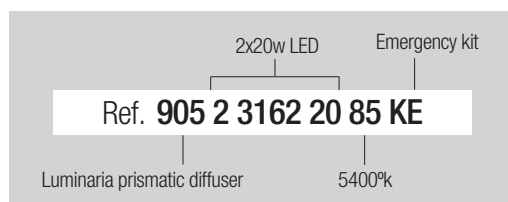


OPTIONS T8 LED

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K

Example to write a reference with LEDS options



OPTIONS

IRC / Colour temperature

Ref. 83	830 / 3000°K Lamp
Ref. 86	860 / 6500°K Lamp

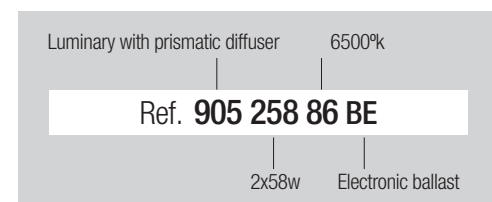
Rough increase of the control gear

	€	1x18/36/58w	2x18/36/58w
Ref. AF High factor	2.90	€	€
Ref. BE Electronic ballast		19.90	28.00
Ref. BR Dimmable ballast 1-10v		68.00	80.00
Ref. TD Dimmable ballast Touch and Dim		69.60	85.00
Ref. KE Emergency kit	110.00		

Rough increase of accessories

	€
Ref. WL Wieland connector	16.30

Example to write a reference with options



Industrial striplamparas T8

Protection degree IP20

Material: Steel sheet thermo painted.
Supply: Control gear included in all the models. We can supply as an option with high factor equipments (Ref. AF), electronic ballast (Ref. BE), dimmable ballast 1-10v (Ref. BR), dimmable ballast Touch & Dim (Ref. TD), lighting control system (Ref. CF), lighting sensor control system (Ref. FP) and emergency kit (Ref. KE).
Lamps: Fluorescent T8 tubes, supplied with 840 lamps (colour temperature: 4000°k); we can also supply with 830/865 lamps (colour temperature: 3000°k and 6500°k).
 Directly screw on ceiling (screw not included).
Installation: White.
Colours:

Without lamp

Ref.	Watts	Measures>	A	B	C	€	RAEE lum.
904 118	1x18W		87	50	615	16,50	0.30
904 136	1x36W		87	50	1.225	18,95	0.30
904 158	1x58W		87	50	1.525	25,54	0.30
904 218	2x18W		51	120	615	21,32	0.30
904 236	2x36W		51	120	1.225	30,22	0.30
904 258	2x58W		51	120	1.525	43,45	0.30

Includes control gear and lamps T8 840.

Ref.	Watts	Measures>	A	B	C	€	RAEE lum.	lamp
904 118 84	1x18W		87	50	615	19,07	0.30	0.30
904 136 84	1x36W		87	50	1.225	21,52	0.30	0.30
904 158 84	1x58W		87	50	1.525	28,11	0.30	0.30
904 218 84	2x18W		51	120	615	26,47	0.30	0.60
904 236 84	2x36W		51	120	1.225	35,37	0.30	0.60
904 258 84	2x58W		51	120	1.525	48,60	0.30	0.60

T8 LED LAMP OPTION

Osram Golden Dragon Plus Components

Rough increase of the LED	Nº leds	Watts	Replaceable by:	Temp.Colour	€ (per lamp)
Ref. 3162 09	8 leds	9w	18w	5400°K	87,50
Ref. 3162 15	13 leds	15w	36w	5400°K	122,30
Ref. 3162 20	17 leds	20w	58w	5400°K	160,90

Driver suitable to type of lamp and wattage included in each model.
 T8 leds lamps are not compatible with lighting control DALI system (ACTILUME Accept an emergency kit).

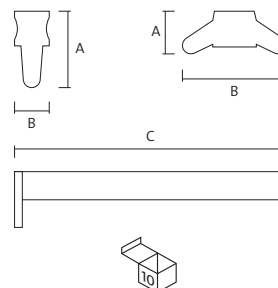
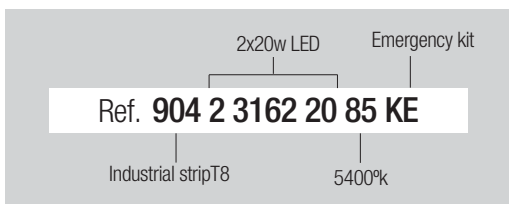


OPTIONS T8 LED

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K

Example to write a reference with LEDS options



OPTIONS

Rough increase of the asymmetric and symmetric reflectors

Ref.	Watts	Type	Long	€
3098 118	1x18W	Asymmetric	615	17,80
3098 136	1x36W	Asymmetric	1.225	19,90
3098 158	1x58W	Asymmetric	1.525	21,40
3098 218	2x18W	Asymmetric	615	17,80
3098 236	2x36W	Asymmetric	1.225	19,90
3098 258	2x58W	Asymmetric	1.525	21,40
3099 118	1x18W	Symmetric	615	35,60
3099 136	1x36W	Symmetric	1.225	39,80
3099 158	1x58W	Symmetric	1.525	42,80
3099 218	2x18W	Symmetric	615	35,60
3099 236	2x36W	Symmetric	1.225	39,80
3099 258	2x58W	Symmetric	1.525	42,80

OPTIONS

IRC / Colour temperature

Ref. 83	830 / 3000°K Lamp
Ref. 86	860 / 6500°K Lamp

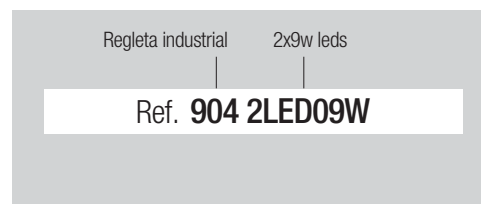
Rough increase of the control gear

Ref.	Control gear	€	1x18/36/58w	2x18/36/58w
Ref. AF	High factor	2.90	€	€
Ref. BE	Electronic ballast		19.90	28.00
Ref. BR	Dimmable ballast 1-10v		68.00	80.00
Ref. TD	Dimmable ballast Touch and Dim		69.60	85.00
Ref. CF	Lighting control system "master"		120.00	130.00
Ref. FP	Lighting sensor control system "master"		219.00	235.00

Rough increase of accessories

Ref.	Accessory	€
Ref. WL	Wieland connector	16.30

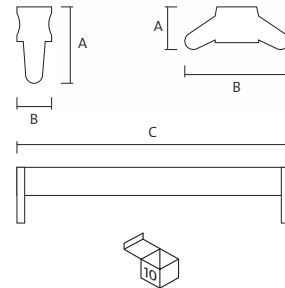
Example to write a reference with LEDS options



Industrial striplamparas T5

Protection degree IP20

- Material:** Steel sheet thermo painted.
- Supply:** Electronics ballasts in all the models for T5 are included. We can supply as an option with dimmable ballast 1-10v (Ref. BR), dimmable ballast Touch & Dim (Ref. TD), lighting control system (Ref. CF), lighting sensor control system (Ref. FP) and emergency kit (Ref. KE).
- Lamps:** Fluorescent ultraslim T5 tubes of diameter 16 mm, supplied with 840 lamps (colour temperature: 4000°k); we can also supply with 830/865 lamps (colour temperature: 3000°k and 6500°k).
- Installation:** Directly screw on ceiling (screw not included).
- Colours:** White.



Includes electronic ballast

Ref.	Watts	Measures>	A	B	C	€	RAEE lum.
903 114	1x14W		60	35	560	49,14	0.30
903 121	1x21W		60	35	880	52,23	0.30
903 124	1x24W		60	35	560	50,03	0.30
903 128	1x28W		60	35	1180	54,38	0.30
903 135	1x35W		60	35	1480	56,60	0.30
903 139	1x39W		60	35	880	53,02	0.30
903 149	1x49W		60	35	1480	56,92	0.30
903 154	1x54W		60	35	1180	54,81	0.30
903 180	1x80W		60	35	1480	62,58	0.30
903 214	2x14W		70	45	560	52,28	0.30
903 221	2x21W		70	45	880	62,73	0.30
903 224	2x24W		70	45	560	60,34	0.30
903 228	2x28W		70	45	1180	64,52	0.30
903 235	2x35W		70	45	1480	66,62	0.30
903 239	2x39W		70	45	880	63,33	0.30
903 249	2x49W		70	45	1480	67,21	0.30
903 254	2x54W		70	45	1180	65,72	0.30
903 280	2x80W		70	45	1480	93,20	0.30

Includes electronic ballast and T5 lamp 840.

Ref.	Watts	Measures>	A	B	C	€	RAEE lum. lamp
903 114 84	1x14W		60	35	560	53,46	0.30 0.30
903 121 84	1x21W		60	35	880	56,45	0.30 0.30
903 124 84	1x24W		60	35	560	54,36	0.30 0.30
903 128 84	1x28W		60	35	1180	58,84	0.30 0.30
903 135 84	1x35W		60	35	1480	60,93	0.30 0.30
903 139 84	1x39W		60	35	880	57,35	0.30 0.30
903 149 84	1x49W		60	35	1480	61,53	0.30 0.30
903 154 84	1x54W		60	35	1180	59,14	0.30 0.30
903 180 84	1x80W		60	35	1480	66,90	0.30 0.30
903 214 84	2x14W		70	45	560	60,93	0.30 0.60
903 221 84	2x21W		70	45	880	71,38	0.30 0.60
903 224 84	2x24W		70	45	560	68,99	0.30 0.60
903 228 84	2x28W		70	45	1180	73,18	0.30 0.60
903 235 84	2x35W		70	45	1480	75,27	0.30 0.60
903 239 84	2x39W		70	45	880	71,98	0.30 0.60
903 249 84	2x49W		70	45	1480	75,86	0.30 0.60
903 254 84	2x54W		70	45	1180	74,34	0.30 0.60
903 280 84	2x80W		70	45	1480	101,85	0.30 0.60

OPTIONS

Rough increase of the asymmetric and symmetric reflectors

Ref.	Watts	Type	Long	€
3100 114	1x14/24W	Asymmetric	560	15,90
3100 121	1x21/39W	Asymmetric	880	17,80
3100 128	1x28/54W	Asymmetric	1180	18,90
3100 135	1x35/49/80W	Asymmetric	1480	19,90
3100 214	2x14/24W	Asymmetric	560	15,90
3100 221	2x21/39W	Asymmetric	880	17,80
3100 228	2x28/54W	Asymmetric	1180	18,90
3100 235	2x35/49/80W	Asymmetric	1480	19,90
3101 114	1x14/24W	Symmetric	560	31,80
3101 121	1x21/39W	Symmetric	880	35,60
3101 128	1x28/54W	Symmetric	1180	37,80
3101 135	1x35/49/80W	Symmetric	1480	39,80
3101 214	2x14/24W	Symmetric	560	31,80
3101 221	2x21/39W	Symmetric	880	35,60
3101 228	2x28/54W	Symmetric	1180	37,80
3101 235	2x35/49/80W	Symmetric	1480	39,80

OPTIONS

IRC / Colour temperature

Ref. 83 830 / 3000°K Lamp

Ref. 86 860 / 6500°K Lamp

		1 lamp	2 lamps
		€	€
Rough increase of the control gear			
Ref. BR	Dimmable ballast 1-10v	63.00	74.00
Ref. TD	Dimmable ballast Touch and Dim	65.00	80.00
Ref. CF	Lighting control system "master"	120.00	135.00
Ref. FP	Lighting sensor control system "master"	270.90	270.00

Rough increase of accessories

Ref. WL Wieland connector

€

16.30

Example to write a reference with options

Berna 2x14w T5 6500°K

Ref. **903 214 86 BR**

Dimmable ballast 1-10v



Fluorescence hospitals and clinics



Combirtus

385



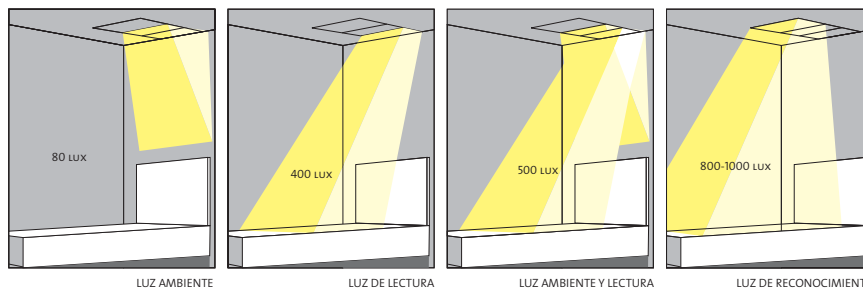
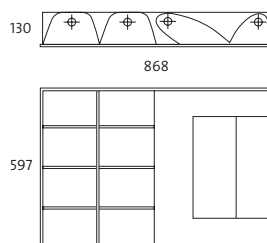
Clital

386

Combirtus

Protection degree IP20

- Material:** Bodies made in thermo-painted steel sheet.
- Optics:** Three asymmetric high-performance reflector made of semi-matt aluminum for different purposes.
- Supply:** Electronic ballasts included for the 36W and 55W fittings. Can be supplied optionally with dimmable electronic ballast 1-10v (Ref. BR), dimmable electronic ballast touch and dim (Ref. TD) flow control light (Ref. CF), lighting sensor control system Master (Ref. FP) and emergency kit (Ref. KE).
- Lamps:** Compact fluorescent lamps PL-L, supplied with 840 standard, 4000°K, optionally with 820/830/865 (2700, 3000 and 6500°K).
- Installation:** Recessable in modular ceilings Armstrong, polyvalent type, metal ceilings and plaster ceilings.
- Accessories:** In the case of polyvalent type, metallic or plaster, a kit of fasteners set (Ref. 1214). A safety tensor SCB for recessed ceiling panels (Ref. 1215) can also be supplied.
- Colours:** Standard supplied colour is white. Optionally it can be also supplied in matt chrome (Ref. 52) and titanium (Ref. 90).



Includes electronic ballast and 4 lamps PL-L and clutches.

Ref.	Colour	Lamp	W(Environment)	W(Reading)	W(Recognition)	€	RAEE lum. lamp
3136 01 3655	White	PL-L	1x36w	1x36w	2x55w	225,46	0.65 0.60

OPTIONS

IRC / Colour temperature

Ref. 82	Lamp 820	2700°K
Ref. 83	830 Lamp	3000°K
Ref. 86	860 Lamp	6500°K

Rough price increase of the finished frame		€
Ref. 52	Lacquered screen CHROME MATT	18.00
Ref. 90	Lacquered screen TITANIUM	18.00

Rough increase of the control gear		€	1x36w	2x36w	2x55w
Ref. BR	Dimmable ballast 1-10v	63.55	68.80	68.80	
Ref. TD	Dimmable ballast Touch and Dim	63.65	69.90	69.90	
Ref. CF	Lighting control system "master"	104.00	111.20	111.20	
Ref. FP	Lighting sensor control system "master"	213.00	219.90	219.90	
Ref. KE	Emergency kit	110.00			

Rough increase of accessories		€
Ref. 1215	SCB safety cable	5.34
Ref. 1214	4 clutches set	2.30
Ref. WL	Wieland connector	16.30

Accessories

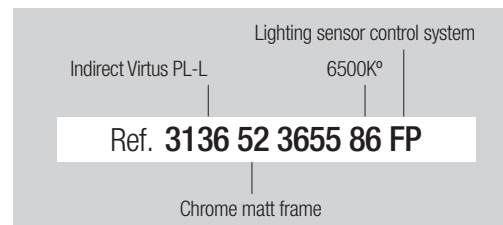


Ref. 1215
SCB safety cable for screen.
Standard version 1 metre length.



Ref. 1214
4 clutches set.

Example to write a reference with options



Clital

Protection degree IP65

- Material:** Thermo-painted extruded aluminum with polycarbonate diffusers.
- Descripción:** Two IP65 watertight zones, one for installation of medical gas tubing (oxygen, compressed air, vacuum, etc) and one for electrical components (sockets, switches, buttons, controllers, etc.), communications and data (nurse call/emergency, diagnostic data, telephone and telecommunications). Two other areas for lighting: indirect light with no glare for the room space (by fluorescent or LED light sources) and lighting for reading and medical examination with high-bright reflector.
- Supply:** Electronic equipment or driver for LED included.
- Lamps:** Philips TL5 fluorescent lamps 14, 24, 28, 35, 39, 49 and 54W. Supplied with 840 lamp, 4000°K standard, optionally with 830/865 (3000 and 6500°K). Osram Dragon-X LED lamps with 6,9 or 18 LEDs (7.2, 10.8 and 21.6W) for the indirect lighting option.
- Installation:** Easy installation, just to the wall with out-of-sight bolts (not supplied).
- Colours:** White and matt chrome.
- Opciones:** Optionally supplied with different lengths, colors and materials (check with our sales team).



Clital T5 Longitude 1m

Includes electronic ballast and lamps T5.

Ref.	Colour	Lamp(1)	L/H(1)	Lamp(2)	L/H(2)	W(1Reading)	W(2 General)	€	RAEE	
									lum.	lamp
3130 01 1414	White	T5	G5	T5	G5	1x14w	1x14w	471,55	0.65	0.60
3130 52 1414	Chrome matt	T5	G5	T5	G5	1x14w	1x14w	496,70	0.65	0.60
3130 01 1424	White	T5	G5	T5	G5	1x14w	1x24w	480,61	0.65	0.60
3130 52 1424	Chrome matt	T5	G5	T5	G5	1x14w	1x24w	505,77	0.65	0.60
3130 01 1439	White	T5	G5	T5	G5	1x14w	1x39w	486,96	0.65	0.60
3130 52 1439	Chrome matt	T5	G5	T5	G5	1x14w	1x39w	512,11	0.65	0.60
3130 01 2414	White	T5	G5	T5	G5	1x24w	1x14w	496,70	0.65	0.60
3130 52 2414	Chrome matt	T5	G5	T5	G5	1x24w	1x14w	480,61	0.65	0.60
3130 01 2424	White	T5	G5	T5	G5	1x24w	1x24w	497,61	0.65	0.60
3130 52 2424	Chrome matt	T5	G5	T5	G5	1x24w	1x24w	522,76	0.65	0.60
3130 01 2439	White	T5	G5	T5	G5	1x24w	1x39w	498,63	0.65	0.60
3130 52 2439	Chrome matt	T5	G5	T5	G5	1x24w	1x39w	523,78	0.65	0.60

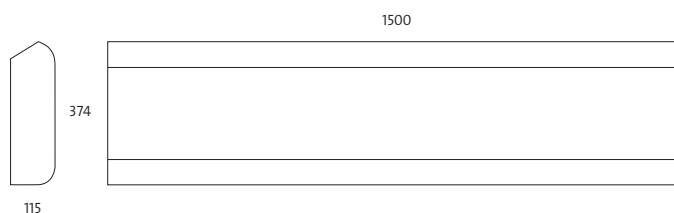
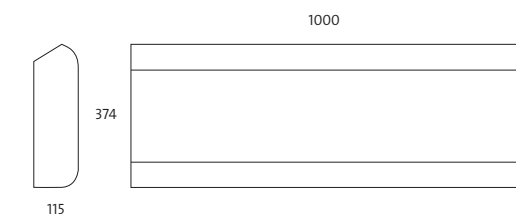
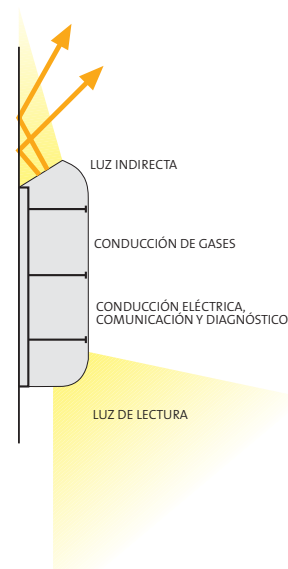
* The T5 lamp is supplied in a standard manner with 4200° K

Includes electronic ballast and lamps T5, drivers and 6 LED lamps of 1,2w

Ref.	Colour	Lamp(1)	L/H(1)	Lamp(2)	L/H(2)	W(1Reading)	W(2 General)	€	RAEE	
									lum.	lamp
3133 01 1407	White	T5	G5	LED	-	1x14w	6x1,2w	555,62	0.65	0.60
3133 52 1407	Chrome matt	T5	G5	LED	-	1x14w	6x1,2w	580,77	0.65	0.60
3133 01 2407	White	T5	G5	LED	-	1x24w	6x1,2w	578,05	0.65	0.60
3133 52 2407	Chrome matt	T5	G5	LED	-	1x24w	6x1,2w	603,09	0.65	0.60

* The T5 lamp is supplied in a standard manner with 4200° K

* The LED lamp is supplied in a standard manner with 6500° K





Optionally supplied with different lengths, colors and materials (check with our sales team).



Clital T5 Longitude 1.5 m

Includes electronic ballast and lamps T5.

Ref.	Colour	Lamp(1)		Lamp(2)		W(1Reading)	W(2 General)	€	RAEE	
		L/H(1)	L/H(1)	L/H(2)	L/H(2)				lum.	lamp
3131 01 1428	White	T5	G5	T5	G5	1x14w	1x28w	598,33	0.65	0.60
3131 52 1428	Chrome matt	T5	G5	T5	G5	1x14w	1x28w	636,06	0.65	0.60
3131 01 1454	White	T5	G5	T5	G5	1x14w	1x54w	598,56	0.65	0.60
3131 52 1454	Chrome matt	T5	G5	T5	G5	1x14w	1x54w	636,97	0.65	0.60
3131 01 2428	White	T5	G5	T5	G5	1x24w	1x28w	610,68	0.65	0.60
3131 52 2428	Chrome matt	T5	G5	T5	G5	1x24w	1x28w	648,41	0.65	0.60
3131 01 2454	White	T5	G5	T5	G5	1x24w	1x54w	637,08	0.65	0.60
3131 52 2454	Chrome matt	T5	G5	T5	G5	1x24w	1x54w	648,52	0.65	0.60

* The T5 lamp is supplied in a standard manner with 4200° K

Includes electronic ballast and lamps T5, drivers and 9 LED lamps of 1,2w

Ref.	Colour	Lamp(1)		Lamp(2)		W(1Reading)	W(2 General)	€	RAEE	
		L/H(1)	L/H(1)	L/H(2)	L/H(2)				lum.	lamp
3134 01 1410	White	T5	G5	LED	-	1x14w	9x1,2w	702,57	0.65	0.60
3134 52 1410	Chrome matt	T5	G5	LED	-	1x14w	9x1,2w	740,75	0.65	0.60
3134 01 2410	White	T5	G5	LED	-	1x24w	9x1,2w	714,69	0.65	0.60
3134 52 2410	Chrome matt	T5	G5	LED	-	1x24w	9x1,2w	752,53	0.65	0.60

* The T5 lamp is supplied in a standard manner with 4200° K

* The LED lamp is supplied in a standard manner with 6500° K

LED OSRAM DRAGON-X OPTIONS

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K
Ref. 86	6500°K

OPTIONS LAMPS T5

IRC / Colour temperature

Ref. 83	830 / 3000°K Lamp
Ref. 86	860 / 6500°K Lamp

Rough increase of the por equipo

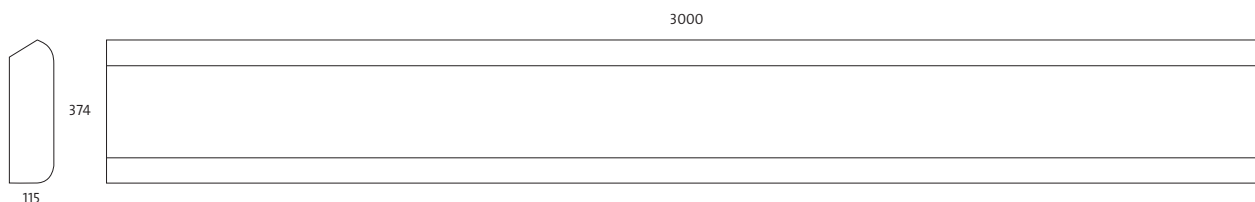
	€
Ref. BR	Dimmable ballast 1-10v 74,00
Ref. TD	Dimmable ballast Touch and Dim 80,00

Example to write a reference with options

Clital 1,5 m 24w(1) 3300°K(1)

Ref. 3131 52 2454 83 86

Chrome matt 52w(2) 6500°K(2)



Clital T5 Longitude 3 m

Includes electronic ballast and lamps T5.

Ref.	Colour	Lamp(1)	L/H(1)	Lamp(2)	L/H(2)	W(1Reading)	W(2 General)	€	RAEE lum. lamp	
3132 01 1435	White	T5	G5	T5	G5	2x14w	1x35w	917,84	0.65	0.60
3132 52 1435	Chrome matt	T5	G5	T5	G5	2x14w	1x35w	968,94	0.65	0.60
3132 01 1449	White	T5	G5	T5	G5	2x14w	1x49w	920,22	0.65	0.60
3132 52 1449	Chrome matt	T5	G5	T5	G5	2x14w	1x49w	971,43	0.65	0.60
3132 01 2435	White	T5	G5	T5	G5	2x24w	1x35w	922,71	0.65	0.60
3132 52 2435	Chrome matt	T5	G5	T5	G5	2x24w	1x35w	973,47	0.65	0.60
3132 01 2449	White	T5	G5	T5	G5	2x24w	1x49w	924,75	0.65	0.60
3132 52 2449	Chrome matt	T5	G5	T5	G5	2x24w	1x49w	974,49	0.65	0.60

* The T5 lamp is supplied in a standard manner with 4200° K

Includes electronic ballast and lamps T5, drive rs and 18 LED lamps of 1,2w

Ref.	Colour	Lamp(1)	L/H(1)	Lamp(2)	L/H(2)	W(1Reading)	W(2 General)	€	RAEE lum. lamp	
3135 01 1421	White	T5	G5	LED	-	2x14w	18x1,2w	1110,45	0.65	0.60
3135 52 1421	Chrome matt	T5	G5	LED	-	2x14w	18x1,2w	1161,55	0.65	0.60
3135 01 2421	White	T5	G5	LED	-	2x24w	18x1,2w	1117,25	0.65	0.60
3135 52 2421	Chrome matt	T5	G5	LED	-	2x24w	18x1,2w	1168,34	0.65	0.60

* The T5 lamp is supplied in a standard manner with 4200° K

* The LED lamp is supplied in a standard manner with 6500° K

LED OSRAM DRAGON-X OPTIONS

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K
Ref. 86	6500°K

OPTIONS LAMPS T5

IRC / Colour temperature

Ref. 83	830 / 3000°K Lamp
Ref. 86	860 / 6500°K Lamp

Rough increase of the por equipo

	€
Ref. BR Dimmable ballast 1-10v	74,00
Ref. TD Dimmable ballast Touch and Dim	80,00

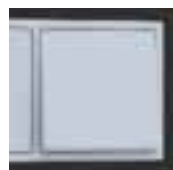
Example to write a reference with options

Clital 3m LED 2x24w(1) R 1-10v 3300°K(1)

Ref. **3135 01 2421 BR 83 85**

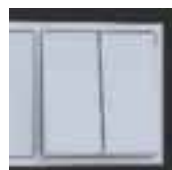
White LEDx18 6500°K(LED)

Accessories



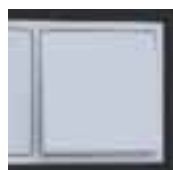
Unipolar switch

Ref.	Colour	€
3110 01	White	19,77
3110 52	Chrome matt	21,75



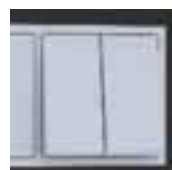
Double unipolar switch

Ref.	Colour	€
3112 01	White	38,91
3112 52	Chrome matt	42,80



3-way switch

Ref.	Colour	€
3111 01	White	23,97
3111 52	Chrome matt	26,36



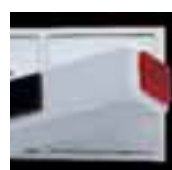
Double 3-way socket

Ref.	Colour	€
3113 01	White	44,12
3113 52	Chrome matt	48,53



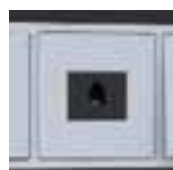
Unipolar pull switch

Ref.	Colour	€
3114 01	White	64,31
3114 52	Chrome matt	70,75



Remote control (2 switches + nurse ring)

Ref.	Colour	€
3115 01	White	340,20
3115 52	Chrome matt	374,22



Phone socket (RJ-11)

Ref.	Colour	€
3116 01	White	31,23
3116 52	Chrome matt	34,36



Data socket

Ref.	Colour	€
3117 01	White	54,44
3117 52	Chrome matt	59,88



Pull cord

Ref.	Colour	€
3118 01	White	38,81
3118 52	Chrome matt	42,68



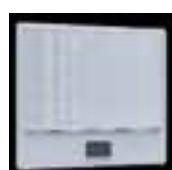
Remote push button

Ref.	Colour	€
3119 01	White	64,59
3119 52	Chrome matt	71,04



Cable connection

Ref.	Colour	€
3120 01	White	24,55
3120 52	Chrome matt	27,00



Speaker and mike

Ref.	Colour	€
3121 01	White	319,52
3121 52	Chrome matt	351,47



Night light

Ref.	Colour	€
3122 01	White	46,99
3122 52	Chrome matt	51,69



Call and presence push button

Ref.	Colour	€
3123 01	White	153,14
3123 52	Chrome matt	168,44



Call and presence push button with bed control

Ref.	Colour	€
3124 01	White	1020,14
3124 52	Chrome matt	1122,15



Schuko socket

Ref.	Colour	€
3125 01	White	20,18
3125 52	Chrome matt	22,20



Schuko socket (France)

Ref.	Colour	€
3126 01	White	26,34
3126 52	Chrome matt	28,98



Blind cover

Ref.	Colour	€
3127 01	White	11,45
3127 52	Chrome matt	12,59



Industrial

Lighting

Price list

High bay and projectors

392





Industrial high bay



Konstel flat HQI **394**
 Konstel flat Sodium vapour
 Konstel flat Mercury vapour
 Konstel flat LED E-40



Konstel facetted HQI **395**
 Konstel facett. Sodium vapour
 Konstel facett. Mercury vapour
 Konstel facett. LED E-40



Konstel acrylic HQI **395**
 Konstel acrylic Sodium vapour
 Konstel acryl. Mercury vapour
 Konstel acryl. LED E-40



Konik flat HQI **396**
 Konik flat Sodium vapour
 Konik flat Mercury vapour
 Konik flat LED E-40



Projectors



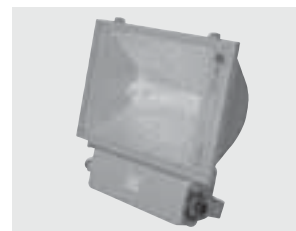
Konik facettet HQI **397**
Konik facett. Sodium vapour
Konik facett. Mercury vapour
Konik facett. LED E-40



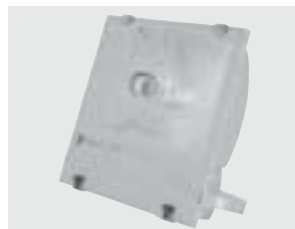
Konik acrylic HQI **397**
Konik acrylic Sodium vapour
Konik acrylic Mercury vapour
Konik acrylic LED E-40



Tenko HQI RX7s **398**



Tenko HQI **400**
Tenko sodium E40
Tenko LED E-40



Likon HQI **399**
Likon sodium E40
Likon LED E-40



Tenko HQI 1000w **401**



Konstel

Protection degree IP20 / IP65

- Material:** Aluminium or acrylic material high bay, injected aluminium gear-box thermo painted.
- Optics:** Smooth reflective aluminium high bay, faceted high bay or translucent acrylic high bay. It can be supplied with protective glass (Ref. C 790) for aluminium high bay or acrylic protective glass (Ref. CA 780) for acrylic high bay.
- Supply:** Control gears adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** It uses high intensity discharge lamps:
 - HQI Lamp. Of 70, 150, 250 and 400 watts. High lighting level, suitable for big shopping centers or industrial buildings.
 - Sodium vapour lamps. Of 150, 250 and 400 watts. High lighting level, visual acuity and comfort, good perception of contrasts, suitable for big shopping centers or industrial buildings.
 - Mercury vapour lamps. Of 150, 250 and 400 watts. High lighting level, suitable for industrial buildings.
- Installation:** Directly on ceiling with a suspension kit, standard version 1 meter length (screw not included).
- Colours:** Natural aluminium / titanium.



Ref. **C790**
Protection glass IP65.



Ref. **CA780**
Cierre protector acrílico IP44.

Rough increase of accessories		€
Ref. C790	Protection glass (aluminium high bay)	16,62
Ref. CA780	Acrylic protection glass (acrylic high bay)	19,90
Ref. KLA	Auxiliary lamp system	84,10
Ref. KE	Emergency kit (PL-C 18w)	162,50

LED E40 OPTIONS (Osram Golden Dragon Plus Components)

IRC / Colour temperature		
Ref. 83		3300°K
Ref. 85		5400°K

Konstel flat / HQI



Includes control gear and HQI lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
1051 90 70	Titanium	HQI(ovoide)	E27	70w	245,75	0.85 0.30
1051 90 15	Titanium	HQI(ovoide)	E40	150w	246,37	0.85 0.30
1051 90 25	Titanium	HQI(ovoide)	E40	250w	251,11	0.85 0.30
1051 90 40	Titanium	HQI(ovoide)	E40	400w	256,05	0.85 0.30

Konstel flat / Sodium vapour



Includes control gear and sodium vapour lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
1052 90 15	Titanium	Sodium V.	E40	150w	248,43	0.85 0.30
1052 90 25	Titanium	Sodium V.	E40	250w	254,61	0.85 0.30
1052 90 40	Titanium	Sodium V.	E40	400w	259,80	0.85 0.30

Konstel flat / Mercury vapour



Includes control gear and mercury vapour lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
1053 90 25	Titanium	Mercury V.	E40	250w	251,93	0.85 0.30
1053 90 40	Titanium	Mercury V.	E40	400w	255,56	0.85 0.30

Konstel flat / LED E-40



Includes driver and LED E-40 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
1051 90 30	Titanium	LED	E40	30w	441,75	0.85 0.20
1051 90 36	Titanium	LED	E40	36w	495,60	0.85 0.20
1051 90 42	Titanium	LED	E40	42w	563,25	0.85 0.20

* Supplied in a standard manner with 5400° K lamp



Konstel faceted / HQI

Includes control gear and HQI lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
1054 90 70	Titanium	HQI(ovoide)	E27	70w	246,37	0.85	0.30
1054 90 15	Titanium	HQI(ovoide)	E40	150w	246,99	0.85	0.30
1054 90 25	Titanium	HQI(ovoide)	E40	250w	251,13	0.85	0.30
1054 90 40	Titanium	HQI(ovoide)	E40	400w	256,07	0.85	0.30

Konstel acrylic / HQI

Includes control gear and HQI lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
1057 90 70	Titanium	HQI(ovoide)	E27	70w	340,72	0.85	0.30
1057 90 15	Titanium	HQI(ovoide)	E40	150w	332,80	0.85	0.30
1057 90 25	Titanium	HQI(ovoide)	E40	250w	346,28	0.85	0.30
1057 90 40	Titanium	HQI(ovoide)	E40	400w	351,43	0.85	0.30

Konstel faceted / Sodium vapour

Includes control gear and sodium vapour lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
1055 90 15	Titanium	Sodium V.	E40	150w	248,47	0.85	0.30
1055 90 25	Titanium	Sodium V.	E40	250w	254,65	0.85	0.30
1055 90 40	Titanium	Sodium V.	E40	400w	260,13	0.85	0.30

Konstel acrylic / Sodium vapour

Includes control gear and sodium vapour lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
1058 90 15	Titanium	Sodium V.	E40	150w	343,09	0.85	0.30
1058 90 25	Titanium	Sodium V.	E40	250w	349,37	0.85	0.30
1058 90 40	Titanium	Sodium V.	E40	400w	355,36	0.85	0.30

Konstel faceted / Mercury vapour

Includes control gear and mercury vapour lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
1056 90 25	Titanium	Mercury V.	E40	250w	251,95	0.85	0.30
1056 90 40	Titanium	Mercury V.	E40	400w	255,58	0.85	0.30

Konstel acrylic / Mercury vapour

Includes equipo magnético y mercury vapour lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
1059 90 25	Titanium	Mercury V.	E40	250w	347,31	0.85	0.30
1059 90 40	Titanium	Mercury V.	E40	400w	350,40	0.85	0.30

Konstel faceted / LED E-40

Includes driver and LED E-40 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
1054 90 30	Titanium	LED	E40	30w	442,30	0.85	0.20
1054 90 36	Titanium	LED	E40	36w	496,25	0.85	0.20
1054 90 42	Titanium	LED	E40	42w	563,90	0.85	0.20

* Supplied in a standard manner with 5400° K lamp

Konstel acrylic / LED E-40

Includes driver and LED E-40 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
1057 90 30	Titanium	LED	E40	30w	536,65	0.85	0.20
1057 90 36	Titanium	LED	E40	36w	590,10	0.85	0.20
1057 90 42	Titanium	LED	E40	42w	658,15	0.85	0.20

* Supplied in a standard manner with 5400° K lamp



Konik

Protection degree IP20 / IP65

- Material:** Aluminium or acrylic material high bay, injected aluminium gear-box thermo painted.
- Optics:** Smooth reflective aluminium high bay, faceted high bay or translucent acrylic high bay. It can be supplied with protective glass (Ref. C 790) for aluminium high bay or acrylic protective glass (Ref. CA 780) for acrylic high bay.
- Supply:** Control gears adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** It uses high intensity discharge lamps:
 - HQI Lamp. Of 70, 150, 250 and 400 watts. High lighting level, suitable for big shopping centers or industrial buildings.
 - Sodium vapour lamps. Of 150, 250 and 400 watts. High lighting level, visual acuity and comfort, good perception of contrasts, suitable for big shopping centers or industrial buildings.
 - Mercury vapour lamps. Of 150, 250 and 400 watts. High lighting level, suitable for industrial buildings.
- Installation:** Directly on ceiling with a suspension kit, standard version 1 meter length (screw not included).
- Colours:** Natural aluminium / titanium.



KLA Auxiliary lamp system

Normally, after a power cut, metal halide lamps take around 15-20 minutes in recovering the normal lighting level. With our accessory, auxiliary lamp system, the light supply is supported due to a special device which turn on a 150w E-27 lamp when required. This system is very useful in industrial areas as well as in big commercial areas, because it make possible continuous working in a power cut case. The auxiliary lamp kit is formed by an E-27 lampholder, a 150w metal halide lamp and a commutation device.

* Equipments and lamps are included in the kit.



Konik flat / HQI



Includes control gear and HQI lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
790 90 25	Nat.al./Titan.	HQI(ovoide)	E40	250w	199,63	0.85 0.30
790 90 40	Nat.al./Titan.	HQI(ovoide)	E40	400w	204,80	0.85 0.30

Konik flat / Sodium vapour



Includes control gear and sodium vapour lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
794 90 15	Nat.al./Titan.	Sodium V.	E40	150w	196,85	0.85 0.30
794 90 25	Nat.al./Titan.	Sodium V.	E40	250w	203,21	0.85 0.30
794 90 40	Nat.al./Titan.	Sodium V.	E40	400w	208,98	0.85 0.30

Konik flat / Mercury vapour



Includes control gear and mercury vapour lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
798 90 25	Nat.al./Titan.	Mercury V.	E40	250w	200,66	0.85 0.30
798 90 40	Nat.al./Titan.	Mercury V.	E40	400w	204,12	0.85 0.30

Konik flat / LED E-40



Includes driver and LED E-40 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
790 90 42	Nat.al./Titan.	LED	E40	42w	511,70	0.85 0.20

* Supplied in a standard manner with 5400° K lamp

Rough increase of accessories		€
Ref. C790	Protection glass (aluminium high bay)	16,62
Ref. CA780	Acrylic protection glass (acrylic high bay)	19,90
Ref. KLA	Auxiliary lamp system	84,10
Ref. KE	Emergency kit (PL-C 18w)	162,50



Konik faceted / HQI

Ref.	Colour	Lamp	L/H	W	€	RAEE	
						lum.	lamp.
791 90 25	Nat.al./Titan.	HQI(ovoide)	E40	250w	199,65	0.85	0.30
791 90 40	Nat.al./Titan.	HQI(ovoide)	E40	400w	204,82	0.85	0.30

Konik acrylic / HQI

Ref.	Colour	Lamp	L/H	W	€	RAEE	
						lum.	lamp.
783C 90 25	Nat.al./Titan.	HQI(ovoide)	E40	250w	294,99	0.85	0.30
783C 90 40	Nat.al./Titan.	HQI(ovoide)	E40	400w	300,16	0.85	0.30

Konik faceted / Sodium vapour

Ref.	Colour	Lamp	L/H	W	€	RAEE	
						lum.	lamp.
795 90 15	Nat.al./Titan.	Sodium V.	E40	150w	196,87	0.85	0.30
795 90 25	Nat.al./Titan.	Sodium V.	E40	250w	203,23	0.85	0.30
795 90 40	Nat.al./Titan.	Sodium V.	E40	400w	209,00	0.85	0.30

Konik acrylic / Sodium vapour

Ref.	Colour	Lamp	L/H	W	€	RAEE	
						lum.	lamp.
784C 90 15	Nat.al./Titan.	Sodium V.	E40	150w	292,23	0.85	0.30
784C 90 25	Nat.al./Titan.	Sodium V.	E40	250w	298,61	0.85	0.30
784C 90 40	Nat.al./Titan.	Sodium V.	E40	400w	304,38	0.85	0.30

Konik faceted / Mercury vapour

Ref.	Colour	Lamp	L/H	W	€	RAEE	
						lum.	lamp.
799 90 25	Nat.al./Titan.	Mercury V.	E40	250w	200,68	0.85	0.30
799 90 40	Nat.al./Titan.	Mercury V.	E40	400w	204,14	0.85	0.30

Konik acrylic / Mercury vapour

Ref.	Colour	Lamp	L/H	W	€	RAEE	
						lum.	lamp.
785C 90 25	Nat.al./Titan.	Mercury V.	E40	250w	299,48	0.85	0.30
785C 90 40	Nat.al./Titan.	Mercury V.	E40	400w	299,48	0.85	0.30

Konik faceted / LED E-40

Ref.	Colour	Lamp	L/H	W	€	RAEE	
						lum.	lamp.
791 90 42	Nat.al./Titan.	LED	E40	42w	511,70	0.85	0.20

* Supplied in a standard manner with 5400° K lamp

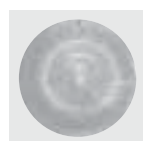
Konik acrylic / LED E-40

Ref.	Colour	Lamp	L/H	W	€	RAEE	
						lum.	lamp.
793 90 42	Nat.al./Titan.	LED	E40	42w	610,50	0.85	0.20

* Supplied in a standard manner with 5400° K lamp lamp



Ref. C790
Protection glass IP65.



Ref. CA780
Acrylic glass IP44.

LED E40 OPTIONS (Osram Golden Dragon Plus Components)

IRC / Colour temperature	
Ref. 83	3300°K
Ref. 85	5400°K

Tenko HQI RX7s

Protection degree IP65 / Protection degree IK8

- Material:** Injected aluminium thermo painted.
- Optics:** Asymmetrical aluminium reflector and protective watertight glass
- Supply:** Control gear adapted to the type of lamp and to the power needed is included.
- Lamps:** Metal halide lamps of 70 and 150 watts, suitable for indoor / outdoor where direct lighting is required, especially for facade lighting.
- Installation:** Directly screw on ceiling or wall (screw not included).
- Colours:** White, black and titanium.

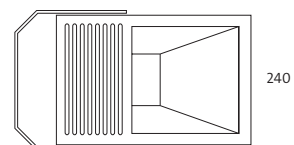
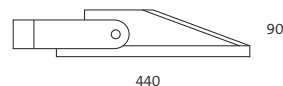


Includes control gear and HQI lamp



Ref.	Colour	Lamp	L/H	W	€	RAEE	
						lum.	lamp.
733 01 70	White	HQI	RX7s	70w	114,12	0.65	0.30
733 02 70	Black	HQI	RX7s	70w	114,12	0.65	0.30
733 90 70	Titanium	HQI	RX7s	70w	114,12	0.65	0.30
733 01 15	White	HQI	RX7s	150w	120,33	0.65	0.30
733 02 15	Black	HQI	RX7s	150w	120,33	0.65	0.30
733 90 15	Titanium	HQI	RX7s	150w	120,33	0.65	0.30

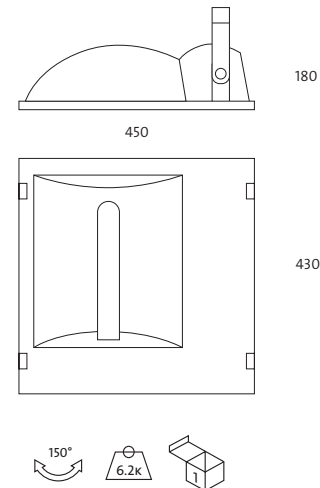
* Supplied in a standard manner with 4200° K lamp



Likon HQI / Sodio E40 / LED E-40

Protection degree IP65

- Material:** Injected aluminium thermo painted.
- Optics:** Symmetric aluminium reflector and protective watertight glass
- Supply:** Control gear adapted to the type of lamp and to the power needed is included.
- Lamps:** It uses high intensity discharge lamps:
 - HQI lamps. Of 250 and 400 watts. High lighting level.
 -Sodium vapour lamps. Of 250 and 400 watts. High lighting level, visual acuity and comfort , good perception of contrasts, suitable where direct lighting is required, especially for facade lighting.
 -LED Lamps with lampholder E-40 in powers of 30, 36 and 42 watts.High lighting level, suitable for big shopping centers or industrial buildings.
- Installation:** Directly screw on wall or city furniture (screw not included).
- Colours:** White, black and titanium.



Likon HQI

Includes control gear and HQI lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
738C 01 25	White	HQI(tubular)	E40	250w	201,46	0.85	0.30
738C 02 25	Black	HQI(tubular)	E40	250w	201,46	0.85	0.30
738C 90 25	Titanium	HQI(tubular)	E40	250w	201,46	0.85	0.30
738C 01 40	White	HQI(tubular)	E40	400w	202,60	0.85	0.30
738C 02 40	Black	HQI(tubular)	E40	400w	202,60	0.85	0.30
738C 90 40	Titanium	HQI(tubular)	E40	400w	202,60	0.85	0.30

Rough increase of accessories

Ref. 3102	Asymmetric reflector	21,50
-----------	----------------------	-------

Likon Sodio

Includes control gear and sodium vapour lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
739C 01 15	White	Vap.Sodio	E40	150w	203,63	0.85	0.30
739C 02 15	Black	Vap.Sodio	E40	150w	203,63	0.85	0.30
739C 90 15	Titanium	Vap.Sodio	E40	150w	203,63	0.85	0.30
739C 01 25	White	Vap.Sodio	E40	250w	204,76	0.85	0.30
739C 02 25	Black	Vap.Sodio	E40	250w	204,76	0.85	0.30
739C 90 25	Titanium	Vap.Sodio	E40	250w	204,76	0.85	0.30
739C 01 40	White	Vap.Sodio	E40	400w	205,74	0.85	0.30
739C 02 40	Black	Vap.Sodio	E40	400w	205,74	0.85	0.30
739C 90 40	Titanium	Vap.Sodio	E40	400w	205,74	0.85	0.30

Likon LED E-40

Includes driver and LED E-40 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
738C 01 42	White	LED	E40	42w	518,40	0.85	0.20
738C 02 42	Black	LED	E40	42w	518,41	0.85	0.20
738C 90 42	Titanium	LED	E40	42w	518,42	0.85	0.20

* Supplied in a standard manner with 5400° K lamp

LED E40 OPTIONS (Osram Golden Dragon Plus Components)

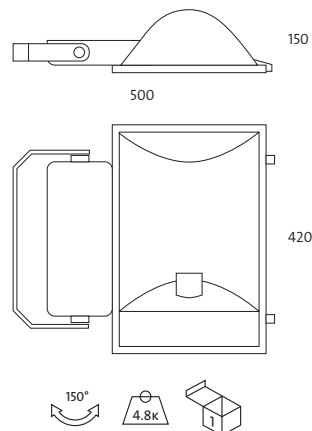
IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K

Tenko HQI / Sodio E-40 / LED E-40

Protection degree IP65 / Protection degree IK8

- Material:** Injected aluminium thermo painted.
Symmetric aluminium reflector and protective watertight glass
- Optics:** Control gear adapted to the type of lamp and to the power needed is included.
- Supply:** It uses high intensity discharge lamps:
- Lamps:**
- HQI lamps. Of 250 and 400 watts. High lighting level.
 - Sodium vapour lamps. Of 250 and 400 watts. High lighting level, visual acuity and comfort , good perception of contrasts, suitable where direct lighting is required, especially for facade lighting.
 - LED Lamps with lampholder E-40 in powers of 30, 36 and 42 watts.High lighting level, suitable for big shopping centers or industrial buildings.
- Installation:** Directly screw on wall or city furniture (screw not included).
- Colours:** White, black and titanium.



Tenko HQI

Includes control gear and HQI lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
735 01 25	White	HQI(tubular)	E40	250w	185,19	0.85	0.30
735 02 25	Black	HQI(tubular)	E40	250w	185,19	0.85	0.30
735 90 25	Titanium	HQI(tubular)	E40	250w	185,19	0.85	0.30
735 01 40	White	HQI(tubular)	E40	400w	188,28	0.85	0.30
735 02 40	Black	HQI(tubular)	E40	400w	188,28	0.85	0.30
735 90 40	Titanium	HQI(tubular)	E40	400w	188,28	0.85	0.30

Tenko Sodio

Includes control gear and sodium vapour lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
737 01 25	White	Vap.Sodio	E40	250w	187,74	0.85	0.30
737 02 25	Black	Vap.Sodio	E40	250w	187,74	0.85	0.30
737 90 25	Titanium	Vap.Sodio	E40	250w	187,74	0.85	0.30
737 01 40	White	Vap.Sodio	E40	400w	192,46	0.85	0.30
737 02 40	Black	Vap.Sodio	E40	400w	192,46	0.85	0.30
737 90 40	Titanium	Vap.Sodio	E40	400w	192,46	0.85	0.30

Rough increase of accessories

Ref. 3102 Asymmetric reflector	21,50
--------------------------------	-------

Tenko LED E-40

Includes driver and LED E-40 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
735 01 42	White	LED	E40	42w	502,69	0.85	0.20
735 02 42	Black	LED	E40	42w	502,70	0.85	0.20
735 90 42	Titanium	LED	E40	42w	502,72	0.85	0.20

* Supplied in a standard manner with 5400° K lamp

LED E40 OPTIONS (Osram Golden Dragon Plus Components)

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K

Tenko HQI / Tenko E-40/ Tenko 1000

Tenko HQI 1000w

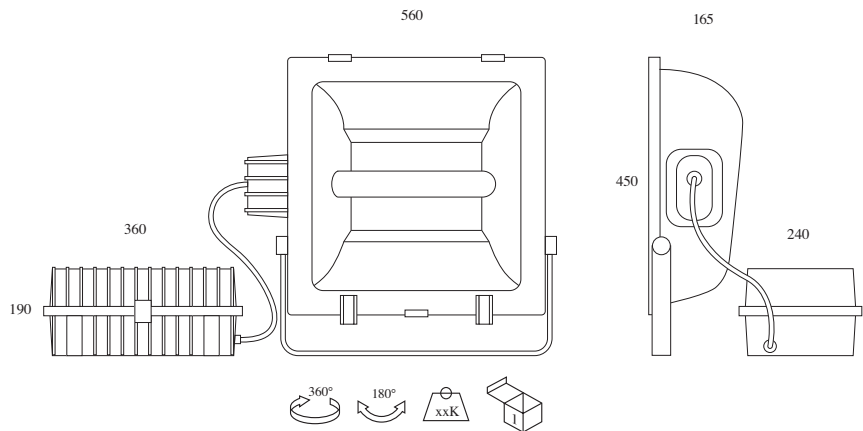
Protection degree IP65 / Protection degree IK8

- Material:** Injected aluminium thermo painted.
- Optics:** Symmetric aluminium reflector and protective watertight glass
- Supply:** Control gear adapted to the type of lamp and to the power needed is included.
- Lamps:** It uses high intensity discharge lamps:
- HQI lamps. HQI lamps of 1000 watts. High lighting level.
- Installation:** Directly screw on ceiling or wall (screw not included).
- Colours:** Black



Includes control gear and HQI lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE	
						lum.	lamp.
735 02 10	Black	HQI(tubular)	E40	1000w	786,92	0.85	0.30



Outdoor

Lighting

Price list

Recessing systems

Surface systems

Projectors

Flexible LED strip

Bollard luminaries

300



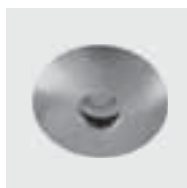
Recessed



Rago Rago LED 408



Rago square Rago square LED 408



Beco Beco LED 409



Aqualight Aqualight LED 409



Archi HQI Archi LED 410



Archi square Archi square LED 410



Supra-Arci 411



Supra-Arci square 411



Microrago LED 412



Archi Mini PL Archi Mini LED 412



Balma 14 / Balma 21 Balma 6 LED / Balma 10 LED 413



Watertight Supraducto 416



Trido vertical Trido vertical LED 418



Trido horizontal Trido horizontal LED 418



Targo 420



Winlight 420



Krups 421



Flo 421



Flo overcast 421

Superficie



Vanio 423



Leny 423



Tortuga 424



Tortuga 424



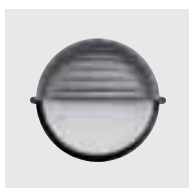
Tortuga 424



Tortuga 424



Tresso 425



Tresso 425



Tresso 425



Tresso 425

Projectors



Toscan 426



Kalos 426



Sinvo 427
Sinvo LED



Bistro 428
Bistro LED



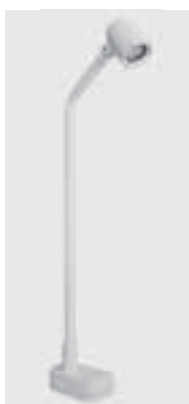
Tenko LED 428



Bruken 429
Bruken LED



Prabaco 430
Prabaco LED



Oper 1m 431



Oper 431



Likon LED 433



Telín White 434
Telín RGB



Berico White 435
Berico RGB



Vercor White 437
Vercor RGB
Vercor emergency



Flexible LED strip



Cambo 439

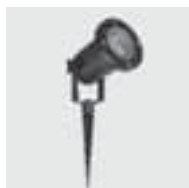
Bollard luminaries



Gor 442
Gor LED



Trema 443



Croled 443



Cubic PL-C 446
Cubic LED



Tubic PL-C 447
Tubic LED



Naya PL-C 448
Naya LED



Telma T5 449
Telma LED







Rago

Protection degree IP67

- Material:** Stainless steel finish. Body made in injected aluminium and auxiliary PVC box in order to put in the building site.
- Optics:** Optics incorporated in the lamp. It includes protective glass with a resistance up to 5000 kg.
- Supply:** Electronic equipment adapted to the type of lamp and to the power needed is included.
- Lamps:** It uses halogen lamps of 50w.
- Installation:** Fitting for recessing into the ground with an auxiliary box.
- Colours:** Stainless steel

Rago

Whithout lamps

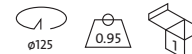
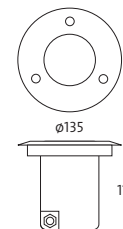
Ref.	Colour	Lamp	L/H	W	€
929 00	S. steel	-	GU5.3	-	109,31

Includes DICHROIC HALOGEN lamp



Ref.	Colour	Lamp	L/H	W	€
929 00 50	S. steel	12v50w	GU5.3	50w	112,71

* Supplied in a standard manner with 36° opening lamp



Rago LED



Includes electronic transformers and LED lamp

Ref.	Colour	Lamp	W	€	RAEE lamp
927 00	S. steel	LED	3w	184,65	0.20

Includes driver and MR16 LED RGB lamp



Ref.	Colour	Lamp	W	€	RAEE lamp
927 00 03	S. steel	LED	3w	234,55	0.20



Rough increase of accessories

Ref.	€
3080 Controller MR16 LED RGB lamp	6,60

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.

Rago square

Protection degree IP67

- Material:** Stainless steel finish. Body made in injected aluminium and auxiliary PVC box in order to put in the building site.
- Optics:** Optics incorporated in the lamp. It includes protective glass with a resistance up to 5000 kg.
- Supply:** Electronic equipment adapted to the type of lamp and to the power needed is included.
- Lamps:** It uses halogen lamps of 50w.
- Installation:** Fitting for recessing into the ground with an auxiliary box.
- Colours:** Stainless steel

Rago square

Whithout lamps

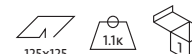
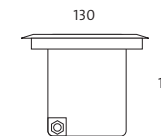
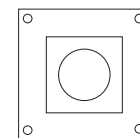
Ref.	Colour	Lamp	L/H	W	€
931 00	S. steel	-	GU5.3	-	115,48

Includes DICHROIC HALOGEN lamp



Ref.	Colour	Lamp	L/H	W	€
931 00 50	S. steel	12v50w	GU5.3	50w	128,15

* Supplied in a standard manner with 36° opening lamp



Rago square LED



Includes electronic transformers and LED lamp

Ref.	Colour	Lamp	W	€	RAEE lamp
931 00	S. steel	LED	3w	190,18	0.20

Includes driver and MR16 LED RGB lamp



Ref.	Colour	Lamp	W	€	RAEE lamp
931 00 03	S. steel	LED	3w	241,58	0.20



Rough increase of accessories

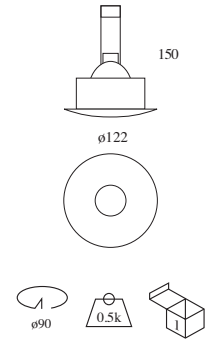
Ref.	€
3080 Controller MR16 LED RGB lamp	6,60

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.

Beco

Protection degree IP66

- Material:** Stainless steel finish.
- Optics:** Optics incorporated in the lamps.
- Supply:** Electronic equipment adapted to the type of lamp and to the power needed is included.
- Lamps:** It uses dichroic halogen lamps of 50w.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** Stainless steel



Beco

Includes electronic transformers and DICHROIC lamp



Ref.	Colour	Lamp	L/H	W	€
930 00 50	S. steel	12v50w	GU5.3	50w	79,02

* Supplied in a standard manner with 36° opening lamp

Beco LED

Includes electronic transformers and LED lamp



Ref.	Colour	Lamp	W	€	RAEE lamp
930 00 05	S. steel	LED	5w	123,51	0.20

* Supplied in a standard manner with 3100° K lamp

Includes driver and MR16 LED RGB lamp



Ref.	Colour	Lamp	W	€	RAEE lamp
930 00 03	S. steel	LED	3w	130,41	0.20

Rough increase of accessories



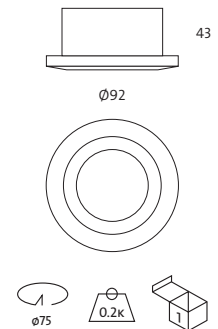
Ref.	Controller	€
3080	Controller MR16 LED RGB lamp	6,60

* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.

Aqualight

Protection degree IP54

- Material:** Injected aluminium.
- Optics:** Optics incorporated in the lamps. It includes protective glass.
- Supply:** Electronic equipment adapted to the type of lamp and to the power needed is included.
- Lamps:** It uses dichroic halogen lamps of 50w.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, chrome and chrome mat.



Aqualight

Includes electronic transformers and DICHROIC HALOGEN lamp



Ref.	Colour	Lamp	L/H	W	€
970 01 50	White	12v50w	GU5.3	50w	39,26
970 05 50	Chrome	12v50w	GU5.3	50w	45,32
970 52 50	Chrome mat	12v50w	GU5.3	50w	45,32

* Supplied in a standard manner with 36° opening lamp

Aqualight LED

Includes electronic transformers and LED lamp



Ref.	Colour	Lamp	W	€	RAEE lamp
970 01 05	White	GU5.3	5w	83,75	0.20
970 05 05	Chrome	GU5.3	5w	89,81	0.20
970 52 05	Chrome mat	GU5.3	5w	89,81	0.20

* Supplied in a standard manner with 3100° K lamp

Includes driver and MR16 LED RGB lamp



Ref.	Colour	Lamp	W	€	RAEE lamp
970 01 03	White	GU5.3	3w	90,66	0.20
970 05 03	Chrome	GU5.3	3w	96,71	0.20
970 52 03	Chrome mat	GU5.3	3w	96,71	0.20

Rough increase of accessories



Ref.	Controller	€
3080	Controller MR16 LED RGB lamp	6,60

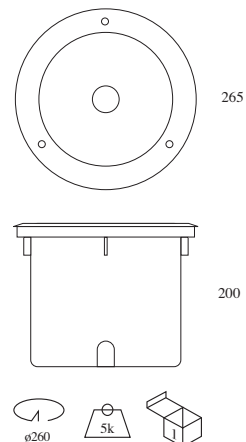
* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.



Arci

Protection degree IP67

- Material:** Stainless steel finish. Body made in injected aluminium and auxiliary PVC box in order to put in the building site.
- Optics:** Aluminium reflector. It includes protective glass with a resistance up to 5000 kg.
- Supply:** Control gear adapted to the type of lamp and to the power needed is included.
- Lamps:** HQI lamps of 70w, suitable for outdoor lighting in facades and green spaces.
- Installation:** Fitting for recessing into the ground with an auxiliary box. It can not be used in zones with pedestrians without shoes.
- Colours:** Stainless steel



Arci HQI



Includes control gear and HQI lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
957 00 35	S. steel	HQI	G-12	35w	420,13	0.65	0.30
957 00 70	S. steel	HQI	G-12	70w	420,44	0.65	0.30

* Supplied in a standard manner with 4200° K lamp

OPTIONS HQI	Ref. 83	Ref. 84
Colour temperature	3000K°	4200°K
HQI 70w	•	•

Arci LED

Includes electronic transformers and LED



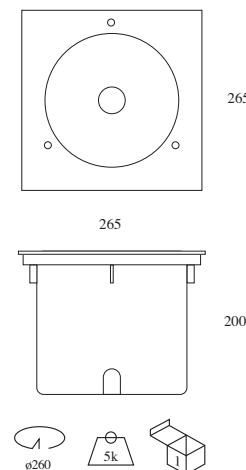
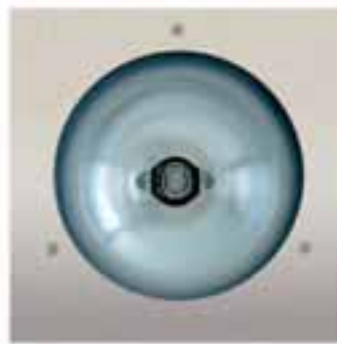
Ref.	Colour	Lamp	W	°K	€	RAEE lum.
957 00 29 85	S. steel	LED	29w	5600	408,39	0.65
957 00 25 83	S. steel	LED	25w	3000	408,39	0.65
957 00 25 85	S. steel	LED	25w	4100	408,38	0.65



Arci square

Protection degree IP67

- Material:** Stainless steel finish. Body made in injected aluminium and auxiliary PVC box in order to put in the building site.
- Optics:** Aluminium reflector. It includes protective glass with a resistance up to 5000 kg.
- Supply:** Control gear adapted to the type of lamp and to the power needed is included.
- Lamps:** HQI lamps of 70w, suitable for outdoor lighting in facades and green spaces.
- Installation:** Fitting for recessing into the ground with an auxiliary box. It can not be used in zones with pedestrians without shoes.
- Colours:** Stainless steel



Arci HQI



Includes control gear and HQI lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
972 00 70	S. steel	HQI	G-12	70w	463,80	0.65	0.30

* Supplied in a standard manner with 4200° K lamp

OPTIONS HQI	Ref. 83	Ref. 84
Colour temperature	3000K°	4200°K
HQI 70w	•	•



Arci LED

Includes electronic transformers and LED



Ref.	Colour	Lamp	W	°K	€	RAEE lum.
972 00 29 85	S. steel	LED	29w	5600	451,75	0.65
972 00 25 83	S. steel	LED	25w	3000	451,75	0.65
972 00 25 85	S. steel	LED	25w	4100	451,75	0.65

Example to write a reference with options

Arci square 70w
 Ref. **972 00 70 83**
 S. steel 3000°K

Supra-Arci

Protection degree IP67

- Material:** Stainless steel finish. Body made in injected aluminium and auxiliary PVC box in order to put in the building site.
- Optics:** Aluminium reflector. It includes protective glass with a resistance up to 5000 kg.
- Supply:** Control gear adapted to the type of lamp and to the power needed is included.
- Lamps:** HQI lamps of 150w, suitable for outdoor lighting in facades and green spaces.
- Installation:** Fitting for recessing into the ground with an auxiliary box. It can not be used in zones with pedestrians without shoes. Stainless steel

Supra-arcí HQI



Includes control gear and HQI lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
959 00 15	S. steel	HQI	G-12	150w	561,04	0.65	0.30

* Supplied in a standard manner with 4200° K lamp

OPTIONS	Ref. 83	Ref. 84
Colour temperature	3000K°	4200°K
HQI 150w	•	•

Supra-arcí LED 50w



Includes protection glass, driver and LED 50W

Ref.	Colour	Lamp	W	Lúmenes	Tc°K	€	RAEE lum.
3207 00 50 85	S. steel	LED	50w	4500	5600°	639,01	0.65
3207 00 50 84	S. steel	LED	50w	3500	4100°	646,94	0.65
3207 00 50 83	S. steel	LED	50w	3100	3000°	648,17	0.65

Supra-Arci square

Protection degree IP67

- Material:** Stainless steel finish. Body made in injected aluminium and auxiliary PVC box in order to put in the building site.
- Optics:** Aluminium reflector. It includes protective glass with a resistance up to 5000 kg.
- Supply:** Control gear adapted to the type of lamp and to the power needed is included.
- Lamps:** HQI lamps of 150w, suitable for outdoor lighting in facades and green spaces.
- Installation:** Fitting for recessing into the ground with an auxiliary box. It can not be used in zones with pedestrians without shoes.
- Colours:** Stainless steel



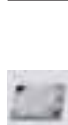
Includes control gear and HQI lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
974 00 15	S. steel	HQI	G-12	150w	622,01	0.65	0.30

* Supplied in a standard manner with 4200° K lamp

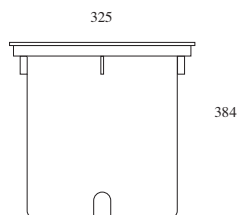
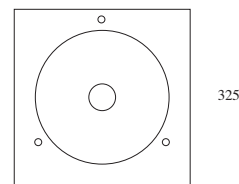
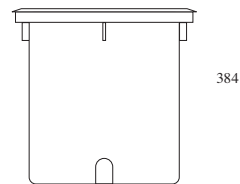
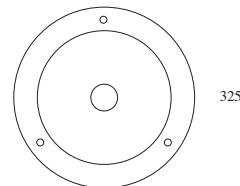
OPTIONS	Ref. 83	Ref. 84
Colour temperature	3000K°	4200°K
HQI 150w	•	•

Supra-arcí LED 50w



Includes protection glass, driver and LED 50W

Ref.	Colour	Lamp	W	Lúmenes	Tc°K	€	RAEE lum.
959 00 50 85	S. steel	LED	50w	4500	5600°	699,98	0.65
959 00 50 84	S. steel	LED	50w	3500	4100°	707,90	0.65
959 00 50 83	S. steel	LED	50w	3100	3000°	709,14	0.65



Microrago LED

Protection degree IP67

- Material:** Matt aluminium finish. Body made in injected aluminium and auxiliary PVC box in order to put in the building site.
- Optics:** Optics incorporated in the lamps. It includes protective glass with a resistance up to 5000 kg.
- Supply:** Electronic equipment adapted to the type of lamp and to the power needed is included.
- Lamps:** It uses LED lamps 6x0,33w.
- Installation:** Rapid installation for ground, wall or ceiling.
- Colours:** Natural aluminium

Includes electronic transformers and LED lamp

Ref.	Colour	Lamp	W	€	RAEE lum. lamp.
925 00	Aluminio mat	LED 6x0,33	3w	83,22	0.30



Arci Mini

Protection degree IP67

- Material:** Stainless steel finish. Body made in injected aluminium and auxiliary PVC box in order to put in the building site.
- Optics:** Aluminium reflector. It includes protective glass with a resistance up to 5000 kg.
- Supply:** Control gear adapted to the type of lamp and to the power needed is included.
- Lamps:** It uses low consumption lamps PLT of 18w, suitable for outdoor lighting of green spaces.
- Installation:** Fitting for recessing into the ground with an auxiliary box. It can not be used in zones with pedestrians without shoes.
- Colours:** Stainless steel

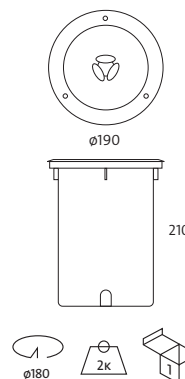
Arci PL-T Mini

Includes control gear and PL-T lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
1015 00 18	S. steel	PL-T	GX24d-2	18w	203,81	0.30 0.20

* Supplied in a standard manner with 4200° K lamp

OPTIONS PL-T	Ref. 82	Ref. 83	Ref. 84
Colour temperature	2700°K	3000°K	4000°K
PL-T 18w	•	•	•



Arci LED Mini

Includes electronic transformers and LED

Ref.	Colour	Lamp	W	€	RAEE lum. lamp.
1015 00 09 84	S. steel	LED	7,2w	265,22	0.30 0.20

* Supplied in a standard manner with 4000° K

Includes driver and MR16 LED RGB lamp

Ref.	Colour	Lamp	W	€	RAEE lum. lamp.
1015 00 03	S. steel	LED	3w	303,43	0.30 0.20



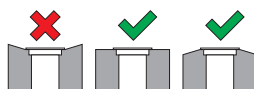
Rough increase of accessories

Ref. 3080	Controller MR16 LED RGB lamp	€
		6,60

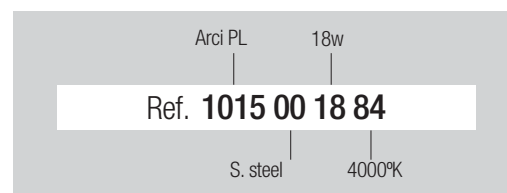
* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.

OPTIONS LED 9W

IRC / Colour temperature	
Ref. 83	3000°K
Ref. 84	4000°K



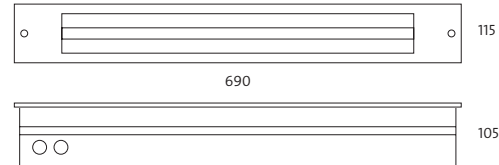
Example to write a reference with options



Balma 14 / Balma 21

Protection degree IP67

- Material:** Stainless steel finish. Body made in injected aluminium and auxiliary metallic box in order to put in the building site.
- Optics:** Asymmetric or symmetric aluminium reflector. It includes protective glass with a resistance up to 3000 kg.
- Supply:** Electronic ballast is included.
- Lamps:** Fluorescent ultraslim T5 tubes of diameter 16 mm of 14w and 21w, supplied with 840 lamps (colour temperature: 4000°k); we can also supply with 830/865 lamps (colour temperature: 3000°k and 6500°k).
- Installation:** Fitting for recessing into the ground with an auxiliary box. It is suitable for walking areas. It can not be used in zones with pedestrians without shoes.
- Colours:** Stainless steel



Balma 14 symmetric



Includes electronic ballast and lamp T5 840

Ref.	Colour	Lamp	W	€	RAEE lum. lamp.	
1012 00 S	S. steel	T5	14w	514,17	0.65	0.30
1014 00 S	S. steel	T5	24w	525,60	0.65	0.30

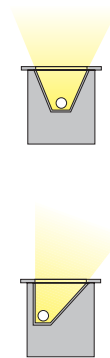
Balma 14 asymmetric



Includes electronic ballast and lamp T5 840

Ref.	Colour	Lamp	W	€	RAEE lum. lamp.	
1012 00 A	S. steel	T5	14w	506,96	0.65	0.30
1014 00 A	S. steel	T5	24w	525,60	0.65	0.30

OPTIONS	Ref. 83	Ref. 84	Ref. 86
Colour temperature	3000°K	4000°K	6500°K
T5 14w	•	•	•
T5 24w	•	•	•



Balma 21 symmetric



Includes electronic ballast and lamp T5 21w 840

Ref.	Colour	Lamp	W	€	RAEE lum. lamp.	
1013 00 S	S. steel	T5	21w	518,29	0.65	0.30
1019 00 S	S. steel	T5	39w	564,74	0.65	0.30

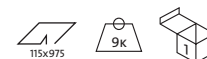
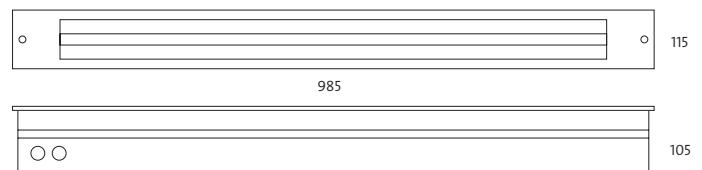
Balma 21 asymmetric



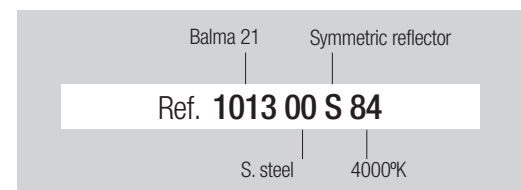
Includes electronic ballast and lamp T5 21w 840

Ref.	Colour	Lamp	W	€	RAEE lum. lamp.	
1013 00 A	S. steel	T5	21w	518,29	0.65	0.30
1019 00 A	S. steel	T5	39w	564,74	0.65	0.30

OPTIONS	Ref. 83	Ref. 84	Ref. 86
Colour temperature	3000°K	4000°K	6500°K
T5 21w	•	•	•
T5 39w	•	•	•



Example to write a reference with options

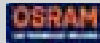




Balma LED

Balma 6 LED / Balma 10 LED

Protection degree IP67



- Material:** Stainless steel finish. Body made in injected aluminium and auxiliary metallic box in order to put in the building site.
- Optics:** Asymmetric or symmetric aluminium reflector. It includes protective glass with a resistance up to 3000 kg.
- Supply:** Driver supplied for each type of lamp and wattage.
- Lamps:** LED-lamp pad with 6/10 Osram Golden Dragon LEDs of 2.4 W. Recommended for domestic, commercial and industrial use.
- Installation:** Fitting for recessing into the ground with an auxiliary box. It is suitable for walking areas. It can not be used in zones with pedestrians without shoes.
- Colours:** Acero inoxidable.



Balma 6 LED

Includes protection glass, driver and 6 LED 2,4w

Ref.	Colour	Lamp	W	€	RAEE lum.
3195 00 83	S. steel	LED warm	14,4w	688,14	0.65
3195 00 86	S. steel	LED cold	14,4w	685,15	0.65

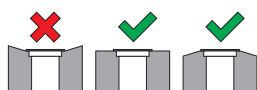
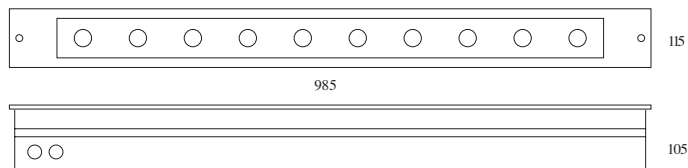
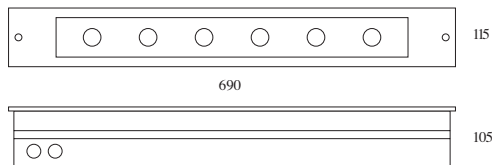
* Supplied in a standard manner with 5400° K lamp

Balma 10 LED

Includes protection glass, driver and 10 LED 2,4w

Ref.	Colour	Lamp	W	€	RAEE lum.
3196 00 83	S. steel	LED warm	24w	770,23	0.65
3196 00 86	S. steel	LED cold	24w	767,45	0.65

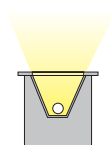
* Supplied in a standard manner with 5400° K lamp



LED OSRAM DRAGON-X OPTIONS

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K
Ref. 86	6500°K



Example to write a reference with options

Balma 10 LED

Ref. **3196 00 83**

S. steel | 3300°K



Watertight Supraducto

Protection degree IP65 / IK10

- Material:** Injected zamak thermo painted.
- Optics:** Faceted aluminium reflector. It includes polycarbonate protection.
- Supply:** Control gear adapted to the type of lamp and to the power needed are included in all the models. Ballast carrier boxes for PL lamps from 9 up to 26 watts. Electronic ballast for PLR-ECO 14 / 17 watts and PLT/E 32 / 42 watts. Optionally supplied with domotics sensors systems for all the models. (See the options of the table).
- Lamps:** It uses low consumption lamps PL from 9 up to 26 watts, PLR-ECO 14 / 17 watts and PLT/E 32 / 42 watts, suitable for domestic and commercial use.
- Installation:** Recessed for false ceilings, adaptable to all kinds of modular and smooth plaster ceilings.
- Colours:** White, chrome mat and titanium. By request: 02 black, 03 gold 55 nickel, 57 nickel matt.



Watertight Supraducto 1 lamp

Includes control gear, PL lamp and polycarbonate.

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
469 01 09 84	White	PL	G23	1x9w	77,66	0.65 0.20
469 52 09 84	Chrome mat	PL	G23	1x9w	86,95	0.65 0.20
469 90 09 84	Titanium	PL	G23	1x9w	86,95	0.65 0.20
469 01 13 84	White	PL	G24d-1	1x13w	77,68	0.65 0.20
469 52 13 84	Chrome mat	PL	G24d-1	1x13w	86,97	0.65 0.20
469 90 13 84	Titanium	PL	G24d-1	1x13w	86,97	0.65 0.20
469 01 18 84	White	PL	G24d-2	1x18w	77,70	0.65 0.20
469 52 18 84	Chrome mat	PL	G24d-2	1x18w	86,99	0.65 0.20
469 90 18 84	Titanium	PL	G24d-2	1x18w	86,99	0.65 0.20
469 01 26 84	White	PL	G24d-3	1x26w	77,72	0.65 0.20
469 52 26 84	Chrome mat	PL	G24d-3	1x26w	87,01	0.65 0.20
469 90 26 84	Titanium	PL	G24d-3	1x26w	87,01	0.65 0.20

* Supplied in a standard manner with 4200° K lamp

Includes electronic ballast, lamp PLR-ECO and polycarbonate

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
469 01 14 84	White	PLR	GR14q-1	1x14w	123,49	0.65 0.20
469 52 14 84	Chrome mat	PLR	GR14q-1	1x14w	134,95	0.65 0.20
469 90 14 84	Titanium	PLR	GR14q-1	1x14w	134,95	0.65 0.20
469 01 17 84	White	PLR	GR14q-1	1x17w	123,51	0.65 0.20
469 52 17 84	Chrome mat	PLR	GR14q-1	1x17w	134,97	0.65 0.20
469 90 17 84	Titanium	PLR	GR14q-1	1x17w	134,97	0.65 0.20

* Supplied in a standard manner with 4200° K lamp

Includes electronic ballast, lamp PLT/E and polycarbonate

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
469 01 32 84	White	PLR	GX24Q-3	1x32w	110,78	0.65 0.20
469 52 32 84	Chrome mat	PLR	GX24Q-3	1x32w	120,05	0.65 0.20
469 90 32 84	Titanium	PLR	GX24Q-3	1x32w	120,05	0.65 0.20
469 01 42 84	White	PLR	GX24Q-4	1x42w	114,12	0.65 0.20
469 52 42 84	Chrome mat	PLR	GX24Q-4	1x42w	120,07	0.65 0.20
469 90 42 84	Titanium	PLR	GX24Q-4	1x42w	120,07	0.65 0.20

* Supplied in a standard manner with 4200° K lamp

Supraducto 1 LED PL lamp 14,4W

Includes driver, 1 LED lamp 14,4W and polycarbonate close

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
469 01 144	White	LED	G-24d-3	1x14,4w	130,02	0.65 0.20
469 52 144	Chrome mat	LED	G-24d-3	1x14,4w	139,30	0.65 0.20
469 90 144	Titanium	LED	G-24d-3	1x14,4w	139,30	0.65 0.20

* Supplied in a standard manner with 5400° K lamp

Watertight Suprducto 2 lamps

Includes control gear and lamps PL



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
470 01 09 84	White	PL G23	2x9w		84,17	0.65	0.40
470 52 09 84	Chrome mat	PL G23	2x9w		93,48	0.65	0.40
470 90 09 84	Titanium	PL G23	2x9w		93,48	0.65	0.40
470 01 13 84	White	PL G24d-1	2x13w		84,19	0.65	0.40
470 52 13 84	Chrome mat	PL G24d-1	2x13w		93,50	0.65	0.40
470 90 13 84	Titanium	PL G24d-1	2x13w		93,50	0.65	0.40
470 01 18 84	White	PL G24d-2	2x18w		84,21	0.65	0.40
470 52 18 84	Chrome mat	PL G24d-2	2x18w		93,52	0.65	0.40
470 90 18 84	Titanium	PL G24d-2	2x18w		93,52	0.65	0.40
470 01 26 84	White	PL G24d-3	2x26w		84,23	0.65	0.40
470 52 26 84	Chrome mat	PL G24d-3	2x26w		93,54	0.65	0.40
470 90 26 84	Titanium	PL G24d-3	2x26w		93,54	0.65	0.40

* Supplied in a standard manner with 4200° K lamp

Includes electronic ballast and lamps PLR-ECO



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
470 01 14 84	White	PLR GR14q-1	2x14w		141,83	0.65	0.40
470 52 14 84	Chrome mat	PLR GR14q-1	2x14w		154,21	0.65	0.40
470 90 14 84	Titanium	PLR GR14q-1	2x14w		154,21	0.65	0.40
470 01 17 84	White	PLR GR14q-1	2x17w		141,85	0.65	0.40
470 52 17 84	Chrome mat	PLR GR14q-1	2x17w		154,23	0.65	0.40
470 90 17 84	Titanium	PLR GR14q-1	2x17w		154,23	0.65	0.40

* Supplied in a standard manner with 4200° K lamp

Suprducto 2 lamps LED PL 14,4W

Includes driver and 2 lamps LED 14,4W



Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
470 01 144	White	LED G-24d-3	2x14,4w		188,80	0.65	0.40
470 52 144	Chrome mat	LED G-24d-3	2x14,4w		198,10	0.65	0.40
470 90 144	Titanium	LED G-24d-3	2x14,4w		198,10	0.65	0.40

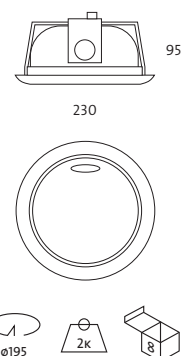
* Supplied in a standard manner with 5400° K lamp

OPTIONS

	1x9/13/18/26w	1x14/17w	2x13/18/26w	2x14/17w
Rough increase of the control gear	€	€	€	€
Ref. AF High factor	2.90	2.90	2.90	2.90
Ref. BE Electronic ballast	19.00	-	24.00	-
Ref. BR Dimmable ballast 1-10v	85.00	85.00	87.00	87.00
Ref. TD Dimmable ballast Touch and Dim	85.00	85.00	87.00	87.00
Ref. CF Lighting control system "master"	129.00	129.00	136.00	136.00
Ref. FP L. sensor control system "master"	275.00	275.00	283.00	283.00
Ref. KE Emergency kit	130.00	130.00	130.00	130.00

Rough increase of accessories

	€
Ref. WL Wieland connector	16,30



OPTIONS

	Ref. 82	Ref. 83	Ref. 84	Ref. 86
Colour temperature	2700°K	3000°K	4000°K	6500°K
PL 9w	•	•	•	
PL 13w	•	•	•	•
PLR-ECO 14w		•	•	
PLR-ECO 17w		•	•	
PL 18w	•	•	•	•
PL 26w	•	•	•	•
PLT/E 32w	•	•	•	
PLT/E 42w	•	•	•	

OPTIONS LED PL 14,4w*

IRC / Colour temperature	
Ref. 83	3300°K
Ref. 85	5400°K

(*) It includes LED chips Osram Golden Dragon Plus.

Example to write a reference with options



Trido

Protection degree IP54

- Material:** Stainless steel sheet and aluminium.
- Optics:** Matt aluminium reflector. It can be supplied with transparent protective glass.
- Supply:** Ballast carrier box for PL-T lamp of 13 up to 18 watts. Optionally supplied with domotics sensors systems. (See the options of the table). Driver supplied for each type of lamp and wattage.
- Lamps:** PL-T lamps of 13 up to 18 watts and LED-lamp Osram Golden Dragon LEDs of 2.4 W, suitable for walking areas, domestic and commercial areas.
- Installation:** Recessed directly for the wall with auxiliary box in order to put in the building site.
- Colours:** Stainless steel



Trido vertical



Includes control gear, protection glass and PL lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
951 00 13 84	S. steel	PL-T GX24d-1	13w	99,68	0.30	0.20	
951 00 18 84	S. steel	PL-T GX24d-2	18w	99,70	0.30	0.20	

* Supplied in a standard manner with 4200° K lamp

Trido horizontal



Includes control gear, protection glass and PL lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
952 00 13 84	S. steel	PL-T GX24d-1	13w	136,35	0.30	0.20	
952 00 18 84	S. steel	PL-T GX24d-2	18w	136,37	0.30	0.20	
952 00 26 84	S. steel	PL-T GX24d-3	26w	136,39	0.30	0.20	

* Supplied in a standard manner with 4200° K lamp

OPTIONS	Ref. 82	Ref. 83	Ref. 84	Ref. 86
Colour temperature	2700°K	3000°K	4000°K	6500°K
PL-T 13w	•	•	•	•
PL-T 18w	•	•	•	•

OPTIONS LED PL 14,4w*

IRC / Colour temperature	
Ref. 83	3300°K
Ref. 85	5400°K

(*) It includes LED chips Osram Golden Dragon Plus.

		1x13/18/26w
Rough increase of the control gear		€
Ref. AF High factor		2.90
Ref. BE Electronic ballast		19.00

		€
Rough increase of accessories		€
Ref. WL Wieland connector		16,30

Trido horizontal 1 LED PL lamp 14,4W

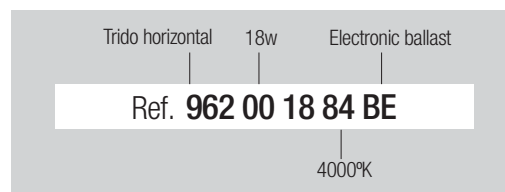


Includes driver and 1 LED lamp 14,4W

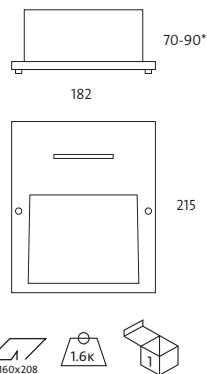
Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
952 00 14	S. steel	LED G-24d-3	1x14,4w	189,90	0.30	0.20	

* Supplied in a standard manner with 5400° K lamp

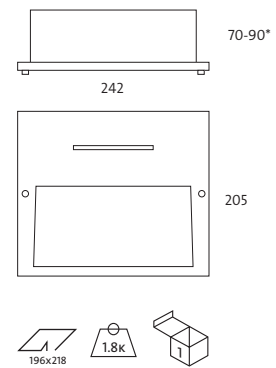
Example to write a reference with options



Trido



* 90mm deep in case of using the auxiliary box to inlay.



* 90mm deep in case of using the auxiliary box to inlay.

Trido vertical LED 4,8w



Includes electronic transformers, protection glass and LED



Ref.	Colour	Lamp	W	€	RAEE lum.
951 00 05 85	S. steel	LED	4x1,2w	188,07	0.30

* Supplied in a standard manner with 5400° K lamp

Trido horizontal LED 7,2w



Includes electronic transformers, protection glass and LED



Ref.	Colour	Lamp	W	€	RAEE lum.
952 00 07 85	S. steel	LED	6x1,2w	234,42	0.30

* Supplied in a standard manner with 5400° K lamp



LED OSRAM DRAGON-X OPTIONS

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K
Ref. 86	6500°K

Example to write a reference with options

Trido LED 7w

Ref. **952 01 07 83**

White 3300°K



Targo

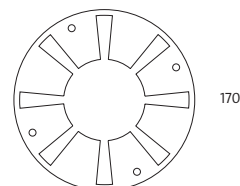
Protection degree IP67

- Material:** Stainless steel finish thermo painted. Body made in injected aluminium and auxiliary PVC box in order to put in the building site.
- Optics:** Aluminium reflector. It includes tempered protective glass with resistance up to 5000 kg.
- Supply:** Control gear adapted to types of lamps and to the power needed is included.
- Lamps:** Osram Dulux D-10w lamp.
Fitting for recessing into the ground with an auxiliary box. It is suitable for delimiting perimeters and access of vehicles/cars.
- Installation:**
- Colours:** Metal grey

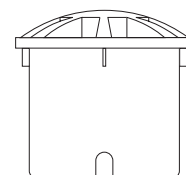


Includes control gear and Osram Dulux D-10 lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.
954 58 84	Metal grey	D-10	G24d-1	10w	189,62	0.30 0.20



170



45

135



Winlight

Protection degree IP54

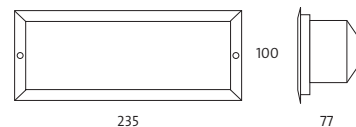
- Material:** Injected aluminium.
- Optics:** Aluminium reflector and opal glass diffuser.
- Supply:** Directly connected to the 220v main, for lampholder E-27. Driver supplied for each type of lamp and wattage.
- Lamps:** It uses all kinds of lamps for E-27, from incandescence up to low consumption and LED-lamp Osram Golden Dragon LEDs of 2.4 W.
- Installation:** Recessed directly for the wall.
- Colours:** White and black.



Without lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lamp.
985 01	White	-	E-27	-	22,54	0.30
985 02	Black	-	E-27	-	22,54	0.30

E-27



Winlight LED 6w



Includes electronic transformers, diffuser and LED

Ref.	Colour	Lamp	W	€	RAEE lamp.
985 01 06 85	White	LED	5x1,2w	130,29	0.30
985 02 06 85	Black	LED	5x1,2w	130,29	0.30



* Supplied in a standard manner with 5400° K lamp

LED OSRAM DRAGON-X OPTIONS

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K
Ref. 86	6500°K

Example to write a reference with options

Winlight LED 6w

Ref. **985 01 06 83**

White 3300°K

Krups

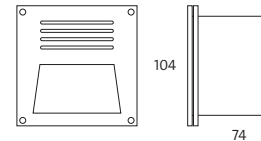
Protection degree IP54

- Material:** Injected aluminium.
- Optics:** Aluminium reflector and protective glass.
- Supply:** Electronic equipment 220v/12v adapted to types of lamps and to the power needed is included.
- Lamps:** It uses 2-pin halogen lamps of 10 and 20w.
- Installation:** Recessed directly for the wall, suitable for delimiting perimeters.
- Colours:** Metal grey.

Includes protection glass and lamp halogen Bipin



Ref.	Colour	Lamp	L/H	W	€	lum.
950 58 10	Metal grey	Bipin	G-4	10w	75,45	0,30
950 58 20	Metal grey	Bipin	G-4	20w	75,45	0,30



Flo

Protection degree IP54

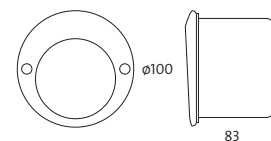
- Material:** Injected aluminium.
- Optics:** Aluminium reflector and protective glass.
- Supply:** Electronic equipment 220v/12v adapted to types of lamps and to the power needed is included.
- Lamps:** It uses 2-pin halogen lamps of 10 and 20w.
- Installation:** Recessed directly for the wall, suitable for delimiting perimeters.
- Colours:** Metal grey.

Flo

Includes protection glass, electronic transformers and lamp Bipin



Ref.	Colour	Lamp	L/H	W	€	lum.
949 58 10	Metal grey	Bipin	G-4	10w	75,43	0,30
949 58 20	Metal grey	Bipin	G-4	20w	75,43	0,30

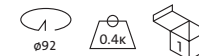
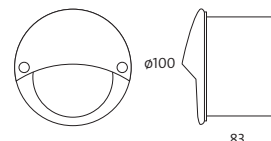


Flo overcast

Includes protection glass, electronic transformers and lamp Bipin



Ref.	Colour	Lamp	L/H	W	€	lum.
948 58 10	Metal grey	Bipin	G-4	10w	75,41	0,30
948 58 20	Metal grey	Bipin	G-4	20w	75,41	0,30

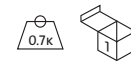
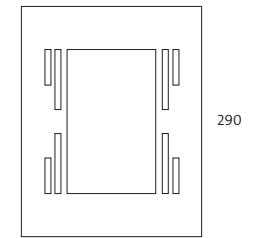




Vanio

Protection degree IP44

- Material:** Injected plastic and stainless steel.
- Optics:** Aluminium reflector and translucent plastic diffuser.
- Supply:** Directly connected to the 220v main, for lampholder E-27.
- Lamps:** It uses all kinds of lamps for E-27, from incandescence up to low consumption.
- Installation:** Directly screw on surface wall (screw not included). It is suitable for terraces and walking areas.
- Colours:** Stainless steel



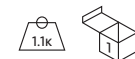
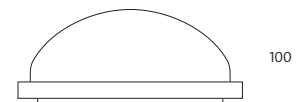
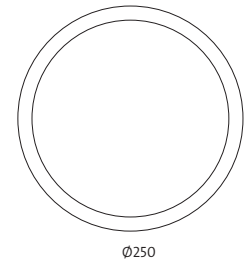
Whithout lamps

E-27	Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
	940 00	S. steel	-	E-27	-	28,91	0.30

Leny

Protection degree IP44

- Material:** Aluminium and stainless steel.
- Optics:** Aluminium reflector and opal glass diffuser.
- Supply:** Directly connected to the 220v main, for lampholder E-27.
- Lamps:** It uses all kinds of lamps for E-27, from incandescence up to low consumption.
- Installation:** Directly screw on surface ceiling or wall (screw not included). It is suitable for terraces and walking areas.
- Colours:** Stainless steel




Whithout lamps

E-27	Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
	936 00	S. steel	-	E-27	-	28,91	0.30

Leny LED 8,4w



Includes electronic transformers, diffuser and LED

	Ref.	Colour	Lamp	W	€	RAEE lum.
	936 00 08 85	S. steel	LED	7x1,2w	163,37	0.30

* Supplied in a standard manner with 5400° K lamp

LED OSRAM DRAGON-X OPTIONS

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K
Ref. 86	6500°K

Example to write a reference with options

Leny LED 8,4w
 | |
Ref. 936 00 08 86
 | |
 S. steel 6500°K



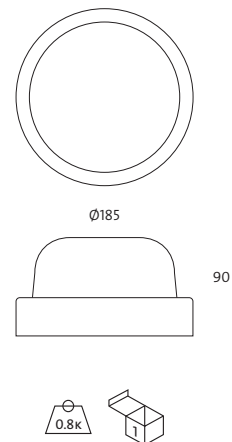
Tortuga

Protection degree IP44

Material: Plastic material.
Optics: High-resistance opal glass diffuser.
Supply: Directly connected to the 220v main, for lampholder E-27.
Lamps: It uses all kinds of lamps for E-27, from incandescence up to low consumption.
Installation: Directly screw on surface ceiling or wall (screw not included). It is suitable for terraces and walking areas.
Colours: White and black.

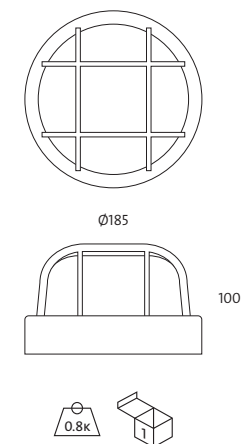
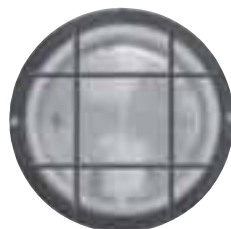
Without lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
E-27 990 01	White	-	E-27	-	7,52	0.30
990 02	Black	-	E-27	-	7,52	0.30



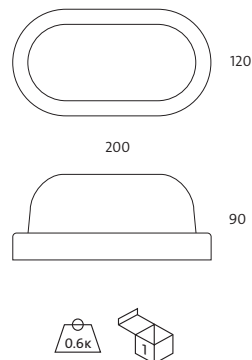
Without lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
E-27 991 01	White	-	E-27	-	7,80	0.30
991 02	Black	-	E-27	-	7,80	0.30



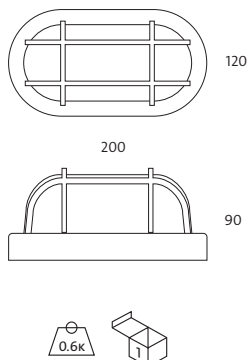
Without lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
E-27 992 01	White	-	E-27	-	6,77	0.30
992 02	Black	-	E-27	-	6,77	0.30



Without lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
E-27 993 01	White	-	E-27	-	7,02	0.30
993 02	Black	-	E-27	-	7,02	0.30



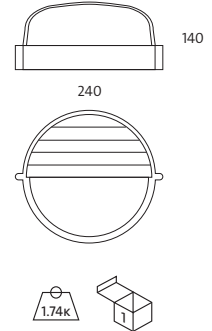
Tresso

Protection degree IP44

- Material:** Aluminium thermo painted.
- Optics:** High-resistance opal glass diffuser.
- Supply:** Directly connected to the 220v main, for lampholder E-27.
- Lamps:** It uses all kinds of lamps for E-27, from incandescence up to low consumption.
- Installation:** Directly screw on surface ceiling or wall (screw not included). It is suitable for terraces and walking areas.
- Colours:** White and black.

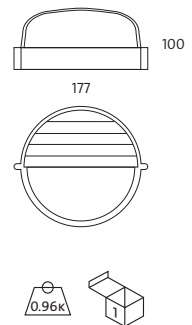
Whithout lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
E-27 982 01	White	-	E-27	-	26,82	0.30
982 02	Black	-	E-27	-	26,82	0.30



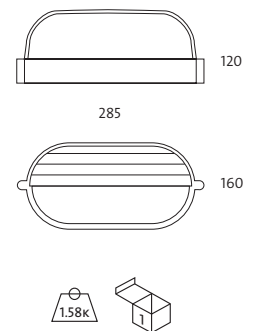
Whithout lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
E-27 983 01	White	-	E-27	-	15,37	0.30
983 02	Black	-	E-27	-	15,37	0.30



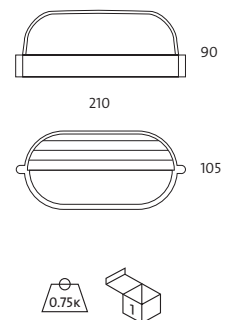
Whithout lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
E-27 980 01	White	-	E-27	-	19,57	0.30
980 02	Black	-	E-27	-	19,57	0.30



Whithout lamps

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
E-27 981 01	White	-	E-27	-	14,59	0.30
981 02	Black	-	E-27	-	14,59	0.30



Toscan

Protection degree IP65

- Material:** Injected aluminium thermo painted.
- Optics:** Aluminium reflector and protective watertight glass
- Supply:** Electronic equipment adapted to the type of lamp and to the power needed is included.
- Lamps:** Metal halidel lamps HQI of 70w, suitable for commercial and industrial outdoor lighting.
- Installation:** Directly screw on surface ceiling or wall (screw not included). It is suitable for outdoor lighting in facades.
- Colours:** Titanium.



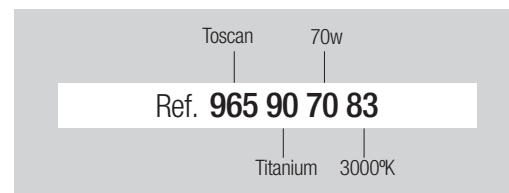
Includes electronic transformers and HQI lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
965 90 35 84	Titanium	HQI	G-12	35w	244,52	0.65	0.30
965 90 70 84	Titanium	HQI	G-12	70w	244,52	0.65	0.30
965 90 15 84	Titanium	HQI	G-12	150w	244,52	0.65	0.30

* Supplied in a standard manner with 4200° K lamp

OPTIONS	Ref. 83	Ref. 84
Colour temperature	3000K°	4200°K
HQI 35w	•	•
HQI 70w	•	•
HQI 150w	•	•

Example to write a reference with options



Kalos

Protection degree IP65

- Material:** Injected aluminium thermo painted.
- Optics:** Aluminium reflector and protective watertight glass.
- Supply:** Electronic equipment adapted to the type of lamp and to the power needed is included.
- Lamps:** Metal halidel lamps HQI of 70w, suitable for commercial and industrial outdoor lighting.
- Installation:** Directly screw on surface ceiling or wall (screw not included). It is suitable for outdoor lighting in facades.
- Colours:** Titanium.

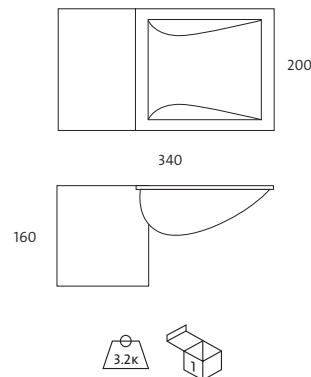


Includes electronic transformers and HQI lamp

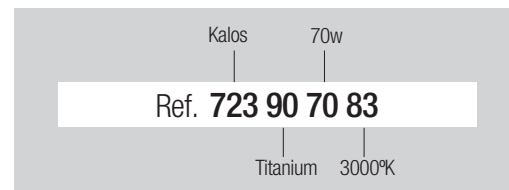
Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
723 90 70 84	Titanium	HQI lineal	RX7s	70w	269,83	0.65	0.30
723 90 15 84	Titanium	HQI lineal	RX7s	150w	278,34	0.65	0.30

* Supplied in a standard manner with 4200° K lamp

OPTIONS	Ref. 83	Ref. 84
Colour temperature	3000K°	4200°K
HQI lineal 70w	•	•
HQI lineal 150w	•	•



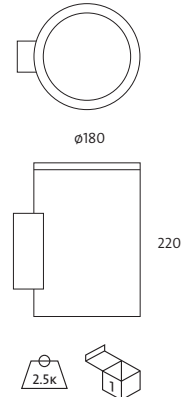
Example to write a reference with options



Sinvo

Protection degree IP54

- Material:** Injected aluminium thermo painted.
- Optics:** Symmetric aluminium reflector and protective watertight glass
- Supply:** Electronic equipment adapted to the type of lamp and to the power needed is included.
- Lamps:** Metal halidel lamps HQI of 70 and 150w, suitable for commercial and industrial outdoor lighting.
- Installation:** Directly screw on wall (screw not included). It is suitable for outdoor lighting in facades.
- Colours:** Black.



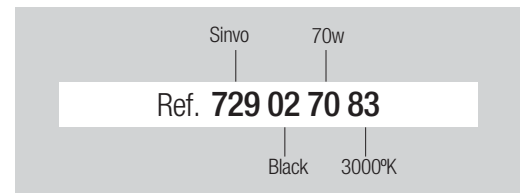
Includes electronic transformers and HQI lamp

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
729 02 70 84	Black	HQI lineal	RX7s	70w	242,02	0.85	0.30
729 02 15 84	Black	HQI lineal	RX7s	150w	246,99	0.85	0.30

* Supplied in a standard manner with 4200° K lamp

OPTIONS	Ref. 83	Ref. 84
Colour temperature	3000K°	4200°K
HQI lineal 70w	•	•
HQI lineal 150w	•	•

Example to write a reference with options

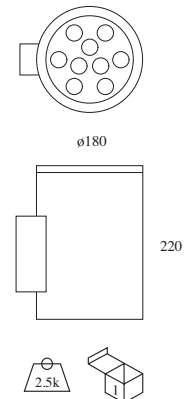


Sinvo LED

Protection degree IP54



- Material:** Injected aluminium thermo painted.
- Optics:** Symmetric aluminium reflector and protective watertight glass
- Supply:** Driver adapted to the type of lamp and to the power needed is included.
- Lamps:** LED-lamp pad with 9 Osram Golden Dragon LEDs of 2.4 W. Recommended for domestic, commercial and industrial use.
- Installation:** Directly screw on wall (screw not included). It is suitable for outdoor lighting in facades.
- Colours:** Black.



Includes driver and module LED 21,6w / 1620 lumens

Ref.	Colour	Lamp	W	€	RAEE lum.
3198 00 83	Black	LED warm	21,6w	349,58	0.65
3198 00 86	Black	LED cold	21,6w	345,35	0.65

* Supplied in a standard manner with LED 5400° K lamp

LED OSRAM DRAGON-X OPTIONS

IRC / Colour temperature

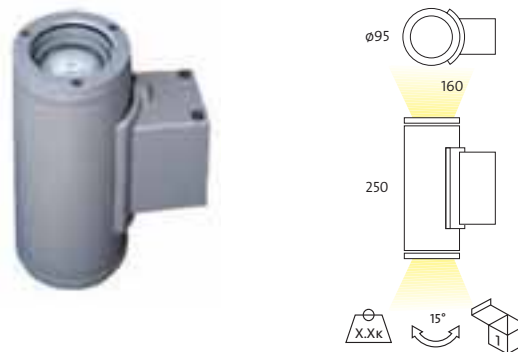
Ref. 83	3300°K
Ref. 85	5400°K
Ref. 86	6500°K



Bistro

Protection degree IP65

- Material:** Injected aluminium thermo painted.
- Optics:** Optics incorporated in the lamps.
- Supply:** Electronic equipment adapted to the type of lamp and to the power needed is included.
- Lamps:** It uses 2 halogen lamps of 35w maximum and LED lamps.
- Installation:** Directly screw on wall (screw not included).
- Colours:** Titanium.



Bistro

Includes electronic transformers and lamps HAL. DICROICAS



Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
1016 90 35	Titanium	12v50w	GU5.3	2x35w	222,94	0.30

* Supplied in a standard manner with 36° opening lamp

Bistro LED

Includes electronic transformers and LED



Ref.	Colour	Lamp	W	€	RAEE lum. lamp
1016 90 09 84	S. steel	LED	7,2w	305,70	0.30 0.20

* Supplied in a standard manner with 5400° K lamp

Includes driver and MR16 LED RGB lamp



Ref.	Colour	Lamp	W	€	RAEE lum. lamp
1016 90 03	S. steel	LED	3w	325,73	0.30 0.20

Rough increase of accessories

Ref.	Controller MR16 LED RGB lamp	€
Ref. 3080		6,60

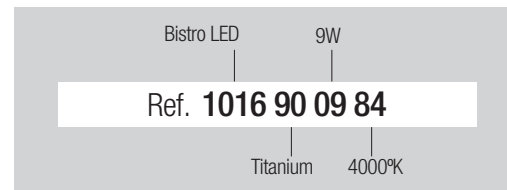
* It can control a limitless number of lamps within a distance of 6 metres and an angle of 120°.

LED OSRAM DRAGON-X OPTIONS

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K
Ref. 86	6500°K

Example to write a reference with options

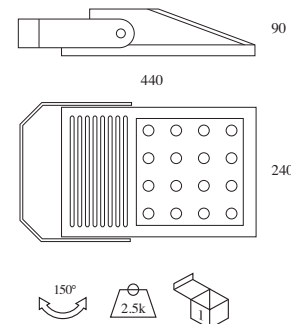


Tenko LED

Protection degree IP65 / Protection degree IK8



- Material:** Injected aluminium thermo painted.
- Optics:** Extensive optics 37° Ledil (Finland), built in LED lamps. Includes protection glass.
- Supply:** Driver supplied for each type of lamp and wattage.
- Lamps:** LED-lamp pad with 9 Osram Golden Dragon LEDs of 2.4 W. Recommended for domestic, commercial and industrial use.
- Estimated life:** Estimated life span 30,000 hours.
- Installation:** Directly screw on ceiling or wall (screw not included).
- Colours:** White, black and titanium.



Includes protection glass, driver and module LED 38,40W/ 2880 lum.



Ref.	Colour	Lamp	W	€	RAEE lum.
3175 01 86	White	LED	16x2,4w	386,76	0.65
3175 02 86	Black	LED	16x2,4w	386,76	0.65
3175 90 86	Titanium	LED	16x2,4w	386,76	0.65

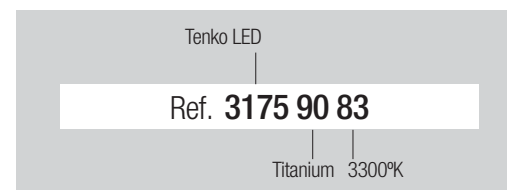
* Supplied in a standard manner with LED 5400° K lamp

LED OSRAM DRAGON-X OPTIONS

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K
Ref. 86	6500°K

Example to write a reference with options



Bistro / Tenko LED / Bruken / Bruken LED

Bruken

Protection degree IP65

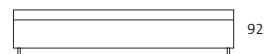
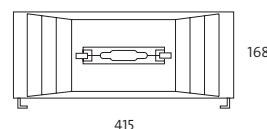
- Material:** Injected aluminium thermo painted.
- Optics:** Symmetric aluminium reflector and protective watertight glass
- Supply:** Electronic equipment adapted to the type of lamp and to the power needed is included.
- Lamps:** Lineal metal halidel lamps HQI of 70 and 150w, suitable for commercial and industrial outdoor lighting.
- Installation:** Directly screw on surface ceiling or wall (screw not included). It is suitable for outdoor lighting in facades.
- Colours:** Titanium.



Includes electronic transformers and HQI lamp 4200K°

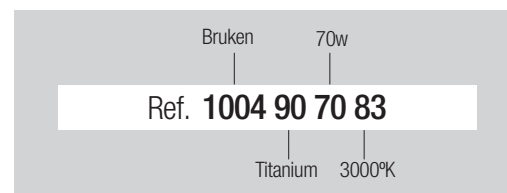
Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
1004 90 70 84	Titanium	HQI lineal	RX7s	70w	398,19	0.85	0.30
1004 90 15 84	Titanium	HQI lineal	RX7s	150w	423,02	0.85	0.30

* Supplied in a standard manner with 4200° K lamp



OPTIONS	Ref. 83	Ref. 84
Colour temperature	3000K°	4200°K
HQI lineal 70w	•	•
HQI lineal 150w	•	•

Example to write a reference with options



Bruken LED

Protection degree IP65



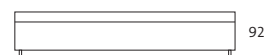
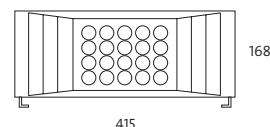
- Material:** Injected aluminium thermo painted.
- Optics:** Extensive optics 37° Ledil (Finland), built in LED lamps. Includes protection glass.
- Supply:** Driver supplied for each type of lamp and wattage.
- Lamps:** LED-lamp pad with 20 Osram Golden Dragon LEDs of 2.4 W. Recommended for domestic, commercial and industrial use.
- Installation:** Directly screw on ceiling or wall (screw not included). It is suitable for outdoor lighting in facades.
- Colours:** Titanium.



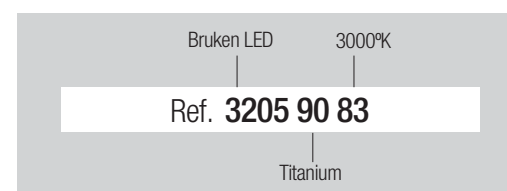
Includes driver and module LED 48w

Ref.	Colour	Lamp	W	€	RAEE lum.
3205 90 83	Titanium	LED warm	48w	613,46	0.65
3205 90 86	Titanium	LED cold	48w	616,76	0.65

* Supplied in a standard manner with 5400° K lamp



Example to write a reference with options



LED OSRAM DRAGON-X OPTIONS

IRC / Colour temperature	Ref.	Ref. 83	Ref. 85	Ref. 86
		3300°K	5400°K	6500°K



Prabaco

Protection degree IP65

- Material:** Injected aluminium thermo painted.
- Optics:** Symmetric aluminium reflector and protective watertight glass
- Supply:** Electronic equipment adapted to the type of lamp and to the power needed is included.
- Lamps:** Metal halidel lamps HQI of 70 and 150w, suitable for commercial and industrial outdoor lighting.
- Installation:** Directly screw on wall (screw not included). It is suitable for outdoor lighting in facades.
- Colours:** Titanium.

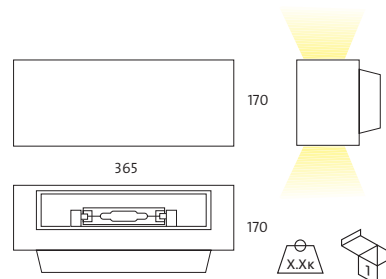


Includes electronic transformers and HQI lamp 4200K°

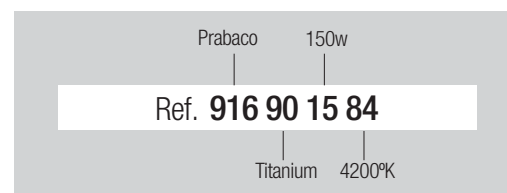
Ref.	Colour	Lamp	L/H	W	€	RAEE lum.	lamp.
916 90 70 84	Titanium	HQI lineal	RX7s	70w	393,15	0.85	0.30
916 90 15 84	Titanium	HQI lineal	RX7s	150w	417,04	0.85	0.30

* Supplied in a standard manner with 4200° K lamp

OPTIONS	Ref. 83	Ref. 84
Colour temperature	3000K°	4200°K
HQI lineal 70w	•	•
HQI lineal 150w	•	•



Example to write a reference with options



Prabaco LED

Protection degree IP65



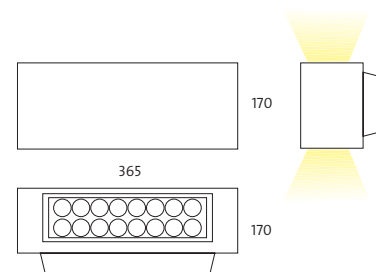
- Material:** Injected aluminium thermo painted.
- Optics:** Extensive optics 37° Ledil (Finland), built in LED lamps. Includes protection glass.
- Supply:** Driver supplied for each type of lamp and wattage.
- Lamps:** LED-lamp pad with 16 Osram Golden Dragon LEDs of 2.4 W. Recommended for domestic, commercial and industrial use.
- Installation:** Directly screw on ceiling or wall (screw not included). It is suitable for outdoor lighting in facades.
- Colours:** Titanium.



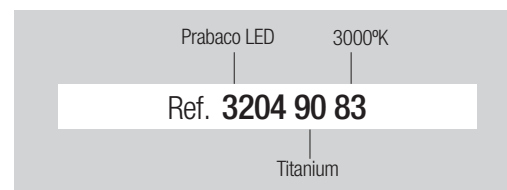
Includes driver and module LED 38,4w

Ref.	Colour	Lamp	W	€	RAEE lum.
3204 90 83	Titanium	LED warm	38,4w	706,78	0.65
3204 90 86	Titanium	LED cold	38,4w	710,49	0.65

* Supplied in a standard manner with 5400° K lamp



Example to write a reference with options



LED OSRAM DRAGON-X OPTIONS

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K
Ref. 86	6500°K

Oper

Protection degree IP55

- Material:** Injected aluminium thermo painted.
- Optics:** Optics incorporated in the lamps.
- Supply:** Electronic equipments adapted to the type of lamp and to the power needed are included in all the models.
- Lamps:** It uses halogen lamps of 50w maximum.
- Installation:** Directly screw on ground (screw not included) or install with the lamp support.
- Colours:** White, black and titanium.

Oper

Includes electronic transformers and lamp DICHROIC H.

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
961 01 50	White	12v50w	GU5.3	50w	153,88	0.30
961 02 50	Black	12v50w	GU5.3	50w	158,20	0.30
961 90 50	Titanium	12v50w	GU5.3	50w	158,20	0.30

* Supplied in a standard manner with 36° opening lamp

Includes drivers and 5W LED lamp

Ref.	Colour	Lamp	L/H	W	€	lum.	RAEE lamp.
961 01 05	White	LED	GU5.3	5w	198,48	0.30	0.20
961 02 05	Black	LED	GU5.3	5w	202,80	0.30	0.20
961 90 05	Titanium	LED	GU5.3	5w	202,80	0.30	0.20

* Supplied in a standard manner with 3100° K lamp

Oper con soporte a tierra

Includes electronic transformers and lamp DICHROIC H.

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
963 01 50	White	12v50w	GU5.3	50w	183,03	0.30
963 02 50	Black	12v50w	GU5.3	50w	187,35	0.30
963 90 50	Titanium	12v50w	GU5.3	50w	187,35	0.30

* Supplied in a standard manner with 36° opening lamp

Includes drivers and 5W LED lamp

Ref.	Colour	Lamp	L/H	W	€	lum.	RAEE lamp.
963 01 05	White	LED	GU5.3	5w	227,60	0.30	0.20
963 02 05	Black	LED	GU5.3	5w	231,95	0.30	0.20
963 90 05	Titanium	LED	GU5.3	5w	231,95	0.30	0.20

* Supplied in a standard manner with 3100° K lamp

Oper 1 metro

Includes electronic transformers and lamp DICHROIC H.

Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
962 01 50	White	12v50w	GU5.3	50w	211,97	0.30
962 02 50	Black	12v50w	GU5.3	50w	216,19	0.30
962 90 50	Titanium	12v50w	GU5.3	50w	216,19	0.30

* Supplied in a standard manner with 36° opening lamp

Includes drivers and 5W LED lamp

Ref.	Colour	Lamp	L/H	W	€	lum.	RAEE lamp.
962 01 05	White	LED	GU5.3	5w	256,50	0.30	0.20
962 02 05	Black	LED	GU5.3	5w	260,79	0.30	0.20
962 90 05	Titanium	LED	GU5.3	5w	260,79	0.30	0.20

* Supplied in a standard manner with 3100° K lamp

Oper 1 metro con soporte a tierra

Includes electronic transformers and lamp DICHROIC H.

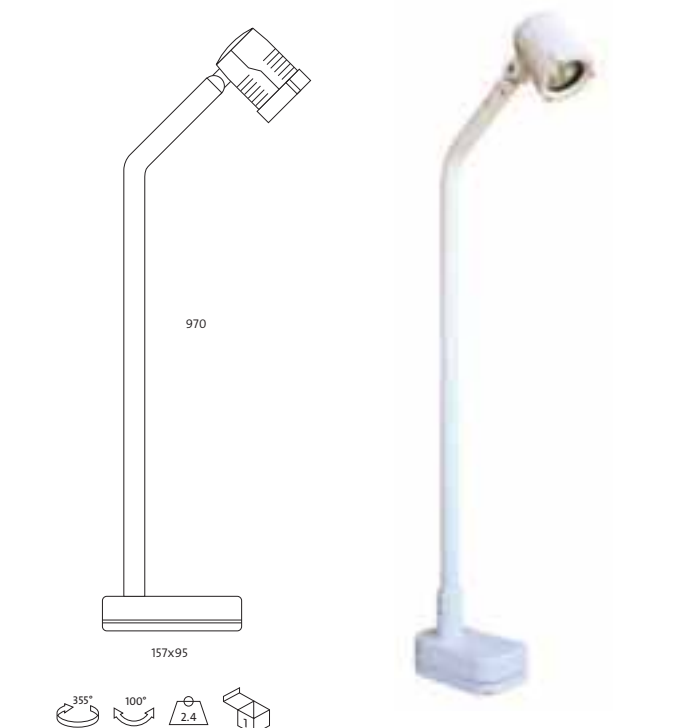
Ref.	Colour	Lamp	L/H	W	€	RAEE lum.
964 01 50	White	12v50w	GU5.3	50w	241,02	0.30
964 02 50	Black	12v50w	GU5.3	50w	245,34	0.30
964 90 50	Titanium	12v50w	GU5.3	50w	245,34	0.30

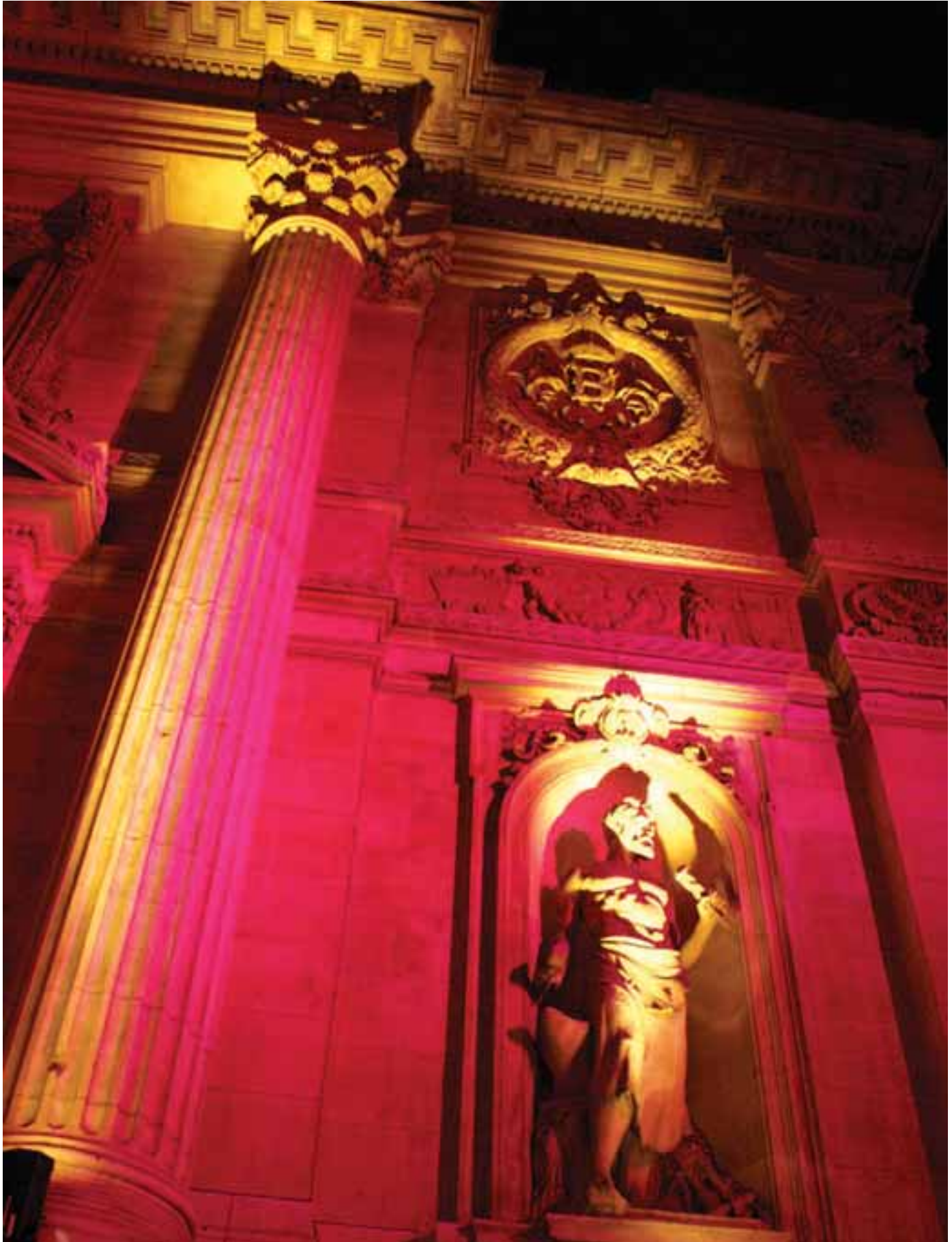
* Supplied in a standard manner with 36° opening lamp

Includes drivers and 5W LED lamp

Ref.	Colour	Lamp	L/H	W	€	lum.	RAEE lamp.
964 01 05	White	LED	GU5.3	5w	285,60	0.30	0.20
964 02 05	Black	LED	GU5.3	5w	289,90	0.30	0.20
964 90 05	Titanium	LED	GU5.3	5w	289,90	0.30	0.20

* Supplied in a standard manner with 3100° K lamp





Likon LED

Protection degree IP65

- Material:** Injected aluminium thermo painted.
- Optics:** Optics built in LED lamps. Includes protection glass.
- Supply:** Driver supplied for each type of lamp and wattage.
- Lamps:** LED-lamp pad with 16 / 20 Osram Golden Dragon LEDs of 2.4 W. Recommended for domestic, commercial and industrial use.
- Installation:** Directly screw on wall or city furniture (screw not included).
- Colours:** Directly screw on wall or city furniture (screw not included).
- Options:** White, black and titanium.



Likon LED 38,4w / 2880 lumens

Includes protection glass, electronic transformers and lamps LED

Ref.	Colour	Lamp	W	€	RAEE lum.
3270 01 38 85	White	LED	16x2,4w	414,88	0.65
3270 02 38 85	Black	LED	16x2,4w	414,88	0.65
3270 90 38 85	Titanium	LED	16x2,4w	414,88	0.65

* Supplied in a standard manner with 5400° K lamp

Likon LED 48w / 3600 lumens

Includes protection glass, driver and module LED

Ref.	Colour	Lamp	W	€	RAEE lum.
3270 01 40 85	White	LED	20x2,4w	454,23	0.65
3270 02 40 85	Black	LED	20x2,4w	454,23	0.65
3270 90 40 85	Titanium	LED	20x2,4w	454,23	0.65

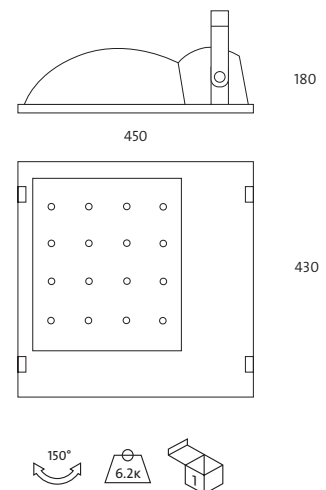
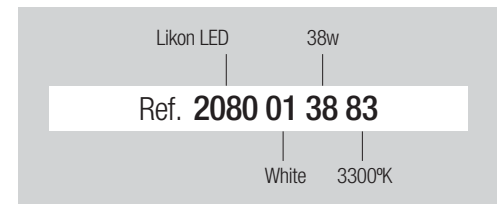
* Supplied in a standard manner with 5400° K lamp

LED OSRAM DRAGON-X OPTIONS

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K
Ref. 86	6500°K

Example to write a reference with options



Telín White

Protection degree IP65

- Material:** Injected aluminium thermo painted.
- Optics:** Optics incorporated in the lamps.
- Supply:** Electronic equipment is included in the luminary.
- Lamps:** LED lamp, composed by 6 LED of 1w each, white colour light.
- Installation:** Directly screw on wall (screw not included). It is suitable for outdoor lighting in facades.
- Colours:** Titanium.

Includes electronic transformers and lamps LED

Ref.	Colour	Lamp	LED Colour.	W	€	RAEE lum.
932 90	Titanium	LED 6x1w	○	6w	324,65	0.65



Telín RGB

Protection degree IP65

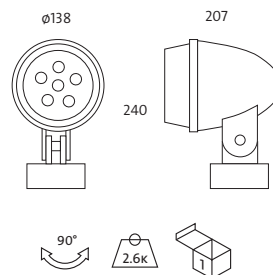
- Material:** Injected aluminium thermo painted.
- Optics:** Optics incorporated in the lamps.
- Supply:** Electronic equipment is included in the luminary. RGB controller that changes colours gradually.
- Lamps:** LED lamp, composed by 6 LED of 1w each, RGB.
- Installation:** Directly screw on wall (screw not included). It is suitable for outdoor lighting in facades.
- Colours:** Titanium.

Includes electronic transformers and lamps LED

Ref.	Colour	Lamp	LED Colour.	W	€	RAEE lum.
933 90	Titanium	LED 6x1w	●●●	6w	460,30	0.65

Rough increase of accessories		€
Ref. CORGB	Controller RGB	256,31

* Each controller controls up to 4 projectors.



Berico White

Protection degree IP65

- Material:** Injected aluminium thermo painted.
- Optics:** Optics incorporated in the lamps.
- Supply:** Electronic equipment is included in the luminary.
- Lamps:** LED lamp, composed by 21 LED of 1w each, white colour light.
- Installation:** Directly screw on wall (screw not included). It is suitable for outdoor lighting in facades.
- Colours:** Titanium.

Includes electronic transformers and lamps LED

Ref.	Colour	Lamp	LED Colour.	W	€	RAEE lum.
934 90	Titanium	LED 21x1w	○	21w	1024,33	0.65



Berico RGB

Protection degree IP65

- Material:** Injected aluminium thermo painted.
- Optics:** Optics incorporated in the lamps.
- Supply:** Electronic equipment is included in the luminary. RGB controller that changes colours gradually.
- Lamps:** LED lamp, composed by 21 LED of 1w each, RGB.
- Installation:** Directly screw on wall (screw not included). It is suitable for outdoor lighting in facades.
- Colours:** Titanium.

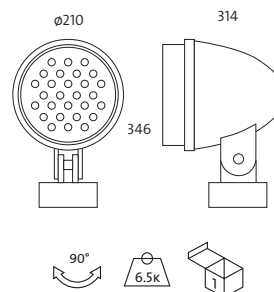
Includes electronic transformers and lamps LED

Ref.	Colour	Lamp	LED Colour.	W	€	RAEE lum.
935 90	Titanium	LED 21x1w	●●●	21w	1108,69	0.65

Rough increase of accessories

Ref.	Controller RGB	€
CORGB	Controller RGB	248,85

* Each controller controls up to 4 projectors.





Vercor

Protection degree IP68

- Material:** Stainless steel
- Optics:** Optics incorporated in the lamps.
- Supply:** Power strip for groups of maximum 10 units (Ref. 3065) not included. Emergency kit for 50 units with 5 meter cable with autonomy of 3 hours (Ref. 3064) not included.
- Lamps:** LED lamps, composed by 1 miniprojectors, white, red or blue colour light.
- Installation:** Fitting for recessing into the ground, ceiling, wall or stairways.
- Colours:** Stainless steel

Includes driver and 1 miniprojector LED

Ref.	Lamp	LED Colour.		W	€	RAEE lum.
1005 00 W	LED	White	○	1w	20,49	0.30
1005 00 R	LED	Red	●	1w	21,73	0.30
1005 00 B	LED	Blue	●	1w	21,11	0.30

Vercor RGB

Protection degree IP68

- Material:** Stainless steel
- Optics:** Optics incorporated in the lamps.
- Supply:** Power strip for groups of maximum 10 units (Ref. 3065) not included RGB controller that changes colours gradually.
- Lamps:** LED lamps, composed by 1 miniprojectors, white, red or blue colour light.
- Installation:** Fitting for recessing into the ground, ceiling, wall or stairways.
- Colours:** Stainless steel

Includes driver and un miniprojector LED

Ref.	Lamp	LED Colour.	W	€	RAEE lum.
1006 00	LED	RGB	1w	21,63	0.30



Rough increase of accessories		€
Ref. 3065	Connector strip	34,00

* Each strip connects to a maximum of 10 miniprojector.



Rough increase of accessories		€
Ref. 3068	Controller RGB	39,00

* Each controller controls up to 10 projectors.



Rough increase of accessories		€
Ref. 3064	Emergency kit Vercor	219,90

* Each emergency kit is for a maximum of 50 miniprojector.

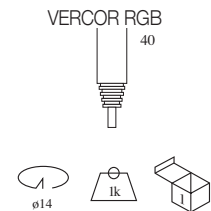
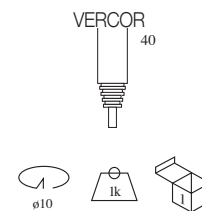
Vercor 10

Protection degree IP68

- Material:** Stainless steel
- Optics:** Optics incorporated in the lamps.
- Supply:** Power strip for groups of maximum 10 units (Ref. 3065) . Emergency kit for 50 units with 5 meter cable with autonomy of 3 hours (Ref. 3064) not included.
- Lamps:** LED lamps, composed by 10 miniprojectors, white, red or blue colour light.
- Installation:** Fitting for recessing into the ground, ceiling, wall or stairways.
- Colours:** Stainless steel

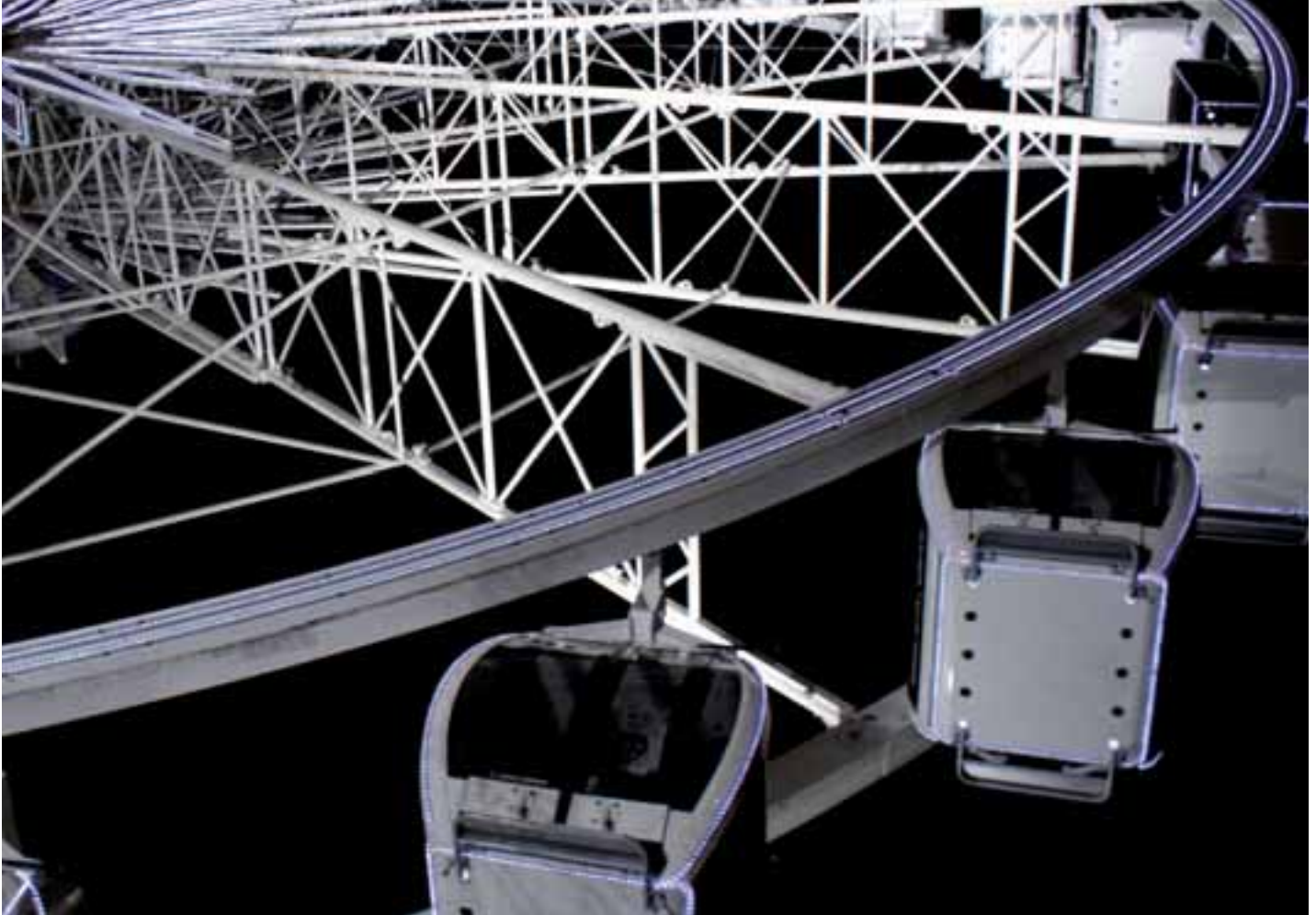
Includes supply, driver and 10 miniprojectors

Ref.	Lamp	LED Colour.		W	€	RAEE lum.
1007 00 W	10xLED	White	○	10x1w	220,53	0.30
1007 00 R	10xLED	Red	●	10x1w	222,58	0.30
1007 00 B	10xLED	Blue	●	10x1w	221,55	0.30



RGB





Cambo Flexible Strip

Protection degree IP65

Material: Flexible plastic support.
Built-in-lamp optics.

Optics: 12V / 24V electronic equipment with direct power and 400 / 600 / 1200 mA according to each model (not included).

Supply: Flexible LED strips composed by 60 x 0,08 / 0,24w leds per meter. In white, warm 3000k° or cold 6500°.

Lamps: RGB flexible strip composed by 30 x 0,24w and 60 x 0,24w LED per meter.

Installation: Back side of the strip contains 3M adhesive to install directly on brackets where light needs to be adapted to irregular shaped, luminated sings, etc.
The CAMBO flexible strips offer the possibility of being connected to each other through connectors. They are also divisible in stretch of 3 leds, cut must be done on spots fitted for that purpose (every 5 cm in the 8 mm strip and every 10 cm in the 10 mm strip).



5000 mm



* The flexible strip is totally isolated with silicone in its whole length and not only over the LEDs, which guarantees the IP65 isolation.

* Stretch shorter than 5 meters are also available to be supplied optionally with connections.

* The width of the LED strips is merely indicative. Please check with a Secom agent before placing your order.

CAMBO FLEXIBLE STRIP IP65

5 Meters roll of IP 65 cold white 6500 K°, 24W / 1300 lumens flexible strip.

Ref.	Wide	Lamp	LED/meter	LED/roll	Divisible	LED Colour.	W	Voltage	Power/meter	€
2012 01 86	10mm	LED 0,08w	60	300	cada 5 cm	○	24w	12V DC	400 mA	153,39

5 Meters roll of IP 65 warm white 3000 K°, 24W / 710 lumens flexible strip.

Ref.	Wide	Lamp	LED/meter	LED/roll	Divisible	LED Colour.	W	Voltage	Power/meter	€
2012 01 83	10mm	LED 0,08w	60	300	cada 5 cm	○	24w	12V DC	400 mA	153,39

5 Meters roll of IP 65 cold white 6500 K°, 36W / 1850 lumens flexible strip.

Ref.	Wide	Lamp	LED/meter	LED/roll	Divisible	LED Colour.	W	Voltage	Power/meter	€
2013 01 86	14mm	LED 0,24w	30	150	cada 10 cm	○	36w	12V DC	600 mA	205,79

5 Meters roll of IP 65 warm white 3000 K°, 36W / 1250 lumens flexible strip.

Ref.	Wide	Lamp	LED/meter	LED/roll	Divisible	LED Colour.	W	Voltage	Power/meter	€
2013 01 83	14mm	LED 0,24w	30	150	cada 10 cm	○	36w	12V DC	600 mA	205,79

5 Meters roll of IP 65 cold white 6500 K°, 72W / 3600 lumens flexible strip.

Ref.	Wide	Lamp	LED/meter	LED/roll	Divisible	LED Colour.	W	Voltage	Power/meter	€
2014 01 86	14mm	LED 0,24w	60	300	cada 10 cm	○	72w	12V DC	1200 mA	308,89

5 Meters roll of IP 65 warm white 3000 K°, 72W / 2880 lumens flexible strip.

Ref.	Wide	Lamp	LED/meter	LED/roll	Divisible	LED Colour.	W	Voltage	Power/meter	€
2014 01 83	14mm	LED 0,24w	60	300	cada 10 cm	○	72w	12V DC	1200 mA	308,89

5 Meters roll of IP 65 RGB, 36W flexible strip.

Ref.	Wide	Lamp	LED/meter	LED/roll	Divisible	LED Colour.	W	Voltage	Power/meter	€
2015 01	14mm	LED 0,24w	30	150	cada 20 cm	●●●	36w	12V DC	600 mA	224,95

5 Meters roll of IP 65 RGB, 72W flexible strip.

Ref.	Wide	Lamp	LED/meter	LED/roll	Divisible	LED Colour.	W	Voltage	Power/meter	€
2016 01	14mm	LED 0,24w	60	300	cada 5 cm	●●●	72w	12V DC	1200 mA	342,47



IP65 Connectors



Connection cable and IP65, 24,36 and 72w supply .

Ref.	€
2026	7,54



IP65, 2-pin connection set.

Ref.	€
2029	9,52

IP65, 24W intermediate connection.

Ref.	€
2027	7,51

12V IP65 Drivers



IP65 LED strip driver max. 12V DC 30W

Ref.	Measures	€
2080	220x30x20	42,45



IP65 LED strip driver max. 12V DC 60W

Ref.	Measures	€
2081	190x70x50	76,47



IP65 LED strip driver max. 12V DC 100W

Ref.	Measures	€
2082	240x70x50	139,25

IP65 LED strip driver max. 12V DC 150W

Ref.	Measures	€
2083	240x120x60	158,72

* IP65 Flexible strip can also use IP20 drivers when those are not in outdoor.

Controller RGB

Description: RGB controller is a device ready to control the RGB products in low voltage. Stores and carries out up to 11 different standards of color. Pressing the "mode" button, allows to choose the desirable color, and pressing the "speed" button allows to change the speed the model is working at.

Temperature: -20-60°C

Voltage: 12V DC (corriente continua). Do not connect under no premises to 24V DC or 220V AC.

Output: 3 CMOS (Complementary metal oxide semiconductor)

Connection: Common anode.



Controller RGB.

Ref.	measures	weight	Voltage	€
2060	105x75x29	120g	12V DC	102,79

* A RGB controller can regulate up to 10 meters LED strip.

Controller RGB with remote control

Description: RGB controller is a device ready to control the RGB products in low voltage. Stores and carries out up to 11 different standards of color. Use PWM (Pulse Width Modulation) which allows it to control the standard or the speed of color, being to fix the parameter in the regulator by pressing "mode" or "speed" buttons.

Temperature: -20-60°C

Voltage: 12V DC (corriente continua). Do not connect under no premises to 24V DC or 220V AC.

Output: 3 CMOS (Complementary metal oxide semiconductor)

Connection: Common anode.

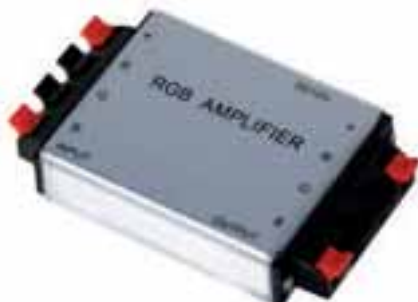


Controller RGB with remote control.

Ref.	measures	weight	Voltage	€
2061	95x65x25	250g	12V DC	125,76

RGB signal amplifier for IP20.

Ref.	measures	€
2089	110x65x30	57,68



Gor

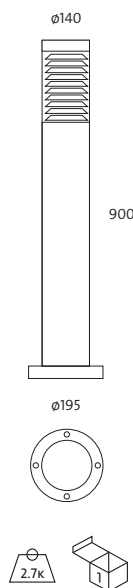
Protection degree IP44

- Material:** Injected aluminium thermo painted.
- Optics:** Grid diffuser that prevents the dazzling light and shines the light on the ground.
- Supply:** Directly connected to the 220v main
- Lamps:** It uses all kinds of lamps for E-27 (from incandescence up to low consumption) and PL-C lamps of 13, 18 y 26 watts.
- Installation:** Directly screw on ground (screw not included). It is suitable for outdoor lighting in garden areas or delimiting perimeters and access.
- Colours:** Black.

Gor / Gor PL-C

Includes balasto magnético and PL lamp-C (según cuadro).

Ref.	Colour	Lamp	L/H	W	€	RAEE	
						lum.	lamp.
E-27 968 02	Black	-	E-27	-	123,45	0.65	-
968 02 13 84	Black	PL-C	G24q-1	13w	140,75	0.65	0.20
968 02 18 84	Black	PL-C	G24q-2	18w	140,76	0.65	0.20
968 02 26 84	Black	PL-C	G24q-3	26w	140,76	0.65	0.20



LED OSRAM DRAGON-X OPTIONS

IRC / Colour temperature

Ref. 83	3300°K
Ref. 85	5400°K
Ref. 86	6500°K

Example to write a reference with options

Gor LED 9W
 Ref. **968 02 09 84**
 Black 4000°K

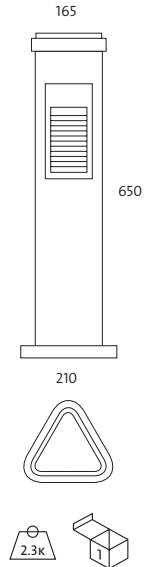
Trema

Protection degree IP54

- Material:** Injected aluminium thermo painted.
- Optics:** Optics incorporated in the lamps.
- Supply:** Electronic equipment is included in the luminary.
- Lamps:** LED lamp, composed by 42 LED of 1w each, white colour light.
- Installation:** Directly screw on ground (screw not included). It is suitable for outdoor lighting in garden areas or delimiting perimeters and access.
- Colours:** Titanium.

Includes electronic transformers and lamps LED

Ref.	Colour	Lamp	LED Colour.	W	€	RAEE lum.
966 90	Titanium	LED 42x1w	○	42w	205,79	0.65



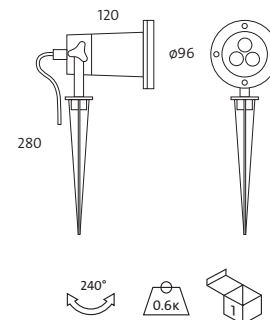
Croled

Protection degree IP68

- Material:** Injected aluminium thermo painted.
- Optics:** Optics incorporated in the lamps.
- Supply:** Electronic equipment is included in the luminary.
- Lamps:** LED lamp, composed by 3 LED of 1w each, white colour light.
- Installation:** Directly on the ground with the lamp support. It is suitable for outdoor lighting in garden areas.
- Colours:** Black.

Includes electronic transformers and lamps LED

Ref.	Colour	Lamp	LED Colour.	W	€	RAEE lum.
967 02	Black	LED 3x1w	○	3w	127,97	0.30





modelo



Cubic

Protection degree IP64

- Material:** Round-forming polyethylene.
- Optics:** Backlighted volume, the whole luminary behaves like a diffuser.
- Supply:** Directly connected to the 220v main. Driver suitable for the lamp and the power are included.
- Lamps:** It uses all kinds of lamps for E-27 (from incandescence up to low consumption) and PL-C lamps of 20 watts. LED Flexible Strip IP65 Cambo.
- Installation:** Directly on ground. It is suitable for outdoor lighting in garden areas or delimiting perimeters and access.
- Colours:** White, yellow, orange and green.
- Options:** There is the possibility of supplying it with LED strip and remote controller.

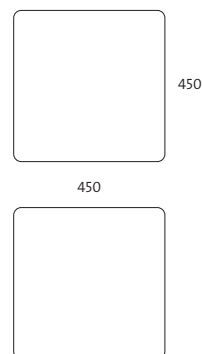


Cubic PL-C

Includes lamp E-27 20w

E-27	Ref.	Colour	Lamp	L/H	W	€	RAEE lum. lamp.	
	2000 01 13	White	PL-C	E-27	20w	121,02	0.65	0.20
2000 09 13	Green	PL-C	E-27	20w	133,12	0.65	0.20	
2000 12 13	Yellow	PL-C	E-27	20w	133,12	0.65	0.20	
2000 13 13	Orange	PL-C	E-27	20w	133,12	0.65	0.20	

* Supplied in a standard manner with E-27/20w
 * Supplied in a standard manner with 4200° K lamp



Cubic LED

Includes electronic transformers and lamps LED

LED	Ref.	Colour	Lamp	W	€	RAEE lum.
	2000 01 15	White	LED	15w	287,16	0.65
2000 09 15	Green	LED	15w	287,16	0.65	
2000 12 15	Yellow	LED	15w	287,16	0.65	
2000 13 15	Orange	LED	15w	287,16	0.65	

* Supplied in a standard manner with 6500° K lamp

OPTIONS LED

IRC / Colour temperature

Ref. 83	3000°K
Ref. 86	6500°K

Rough increase of accessories

Ref. 2061	LED RGB and controller remoto	€	122,10
-----------	-------------------------------	---	--------



Ref. 2061 LED RGB and controller remoto



Tubic

Protection degree IP64

- Material:** Round-forming polyethylene.
- Optics:** Backlighted volume, the whole luminary behaves like a diffuser.
- Supply:** Directly connected to the 220v main. Driver suitable for the lamp and the power are included.
- Lamps:** It uses all kinds of lamps for E-27 (from incandescence up to low consumption) and PL-C lamps of 20 watts. LED Flexible Strip IP65 Cambo.
- Installation:** Directly on ground. It is suitable for outdoor lighting in garden areas or delimiting perimeters and access.
- Colours:** White, yellow, orange and green.
- Options:** There is the possibility of supplying it with LED strip and remote controller.

Tubic PL-C

Includes lamp E-27 20w

Ref.	Colour	Lamp	L/H	W	€	RAEE	
						lum.	lamp.
E-27 2001 01 13	White	PL-C	E-27	20w	135,96	0.65	0.20
2001 09 13	Green	PL-C	E-27	20w	148,32	0.65	0.20
2001 12 13	Yellow	PL-C	E-27	20w	148,32	0.65	0.20
2001 13 13	Orange	PL-C	E-27	20w	148,32	0.65	0.20

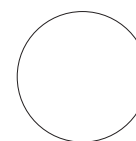
* Supplied in a standard manner with E-27/20w
 * Supplied in a standard manner with 4200° K lamp

Tubic LED

Includes electronic transformers and lamps LED

Ref.	Colour	Lamp	W	€	RAEE	
					lum.	lamp.
E-27 2001 01 20	White	LED	20w	299,31	0.65	0.65
2001 09 20	Green	LED	20w	299,31	0.65	0.65
2001 12 20	Yellow	LED	20w	299,31	0.65	0.65
2001 13 20	Orange	LED	20w	299,31	0.65	0.65

* Supplied in a standard manner with 6500° K lamp



∅ 350



700



Ref. 2061
LED RGB and controller remoto

OPTIONS LED

IRC / Colour temperature

Ref. 83	3000°K
Ref. 86	6500°K

Rough increase of accessories

Ref. 2061 LED RGB and controller remoto	€ 122,10
---	----------



Naya

Protection degree IP64

- Material:** Round-forming polyethylene.
- Optics:** Backlighted volume, the whole luminary behaves like a diffuser.
- Supply:** Directly connected to the 220v main. Driver suitable for the lamp and the power are included.
- Lamps:** It uses all kinds of lamps for E-27 (from incandescence up to low consumption) and PL-C lamps of 20 watts. LED Flexible Strip IP65 Cambo.
- Installation:** Directly on ground. It is suitable for outdoor lighting in garden areas or delimiting perimeters and access.
- Colours:** White, yellow, orange and green.
- Options:** There is the possibility of supplying it with LED strip and remote controller.



Naya PL-C

Includes lamp E-27 20w

E-27	Ref.	Colour	Lamp	L/H	W	€	RAEE	
							lum.	lamp.
	2003 01 13	White	PL-C	E-27	20w	194,05	0.65	0.20
	2003 09 13	Green	PL-C	E-27	20w	213,45	0.65	0.20
	2003 12 13	Yellow	PL-C	E-27	20w	213,45	0.65	0.20
	2003 13 13	Orange	PL-C	E-27	20w	213,45	0.65	0.20

* Supplied in a standard manner with E-27/20w

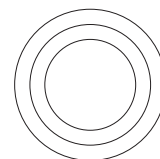
* Supplied in a standard manner with 4200° K lamp

Naya LED

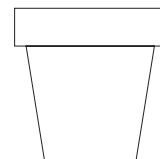
Includes electronic transformers and lamps LED

E-27	Ref.	Colour	Lamp	W	€	RAEE
						lum.
	2003 01 15	White	LED	15w	319,60	0.65
	2003 09 15	Green	LED	15w	319,60	0.65
	2003 12 15	Yellow	LED	15w	319,60	0.65
	2003 13 15	Orange	LED	15w	319,60	0.65

* Supplied in a standard manner with 6500° K lamp



∅ 450



430

OPTIONS LED

IRC / Colour temperature

Ref. 83	3000°K
Ref. 86	6500°K

Rough increase of accessories

Ref. 2061	LED RGB and controller remoto	€
		122,10



Ref. 2061
LED RGB and controller
remoto

Telma

Protection degree IP64

- Material:** Round-forming polyethylene.
- Optics:** Backlighted volume, the whole luminary behaves like a diffuser.
- Supply:** Electronic ballast is included .Driver suitable for the lamp and the power are included.
- Lamps:** Fluorescent ultraslim T5 tubes of diameter 16 mm, supplied with 840 lamps (colour temperature: 4000°k). LED Flexible Strip IP65 Cambo. Directly on ground. It is suitable for outdoor lighting in garden areas or delimiting perimeters and access.
- Installation:** White, yellow, orange and green
- Colours:** There is the possibility of supplying it with LED strip and remote controller.
- Options:**

Telma T5

Includes electronic ballast and lamp T5 840

G5	Ref.	Colour	Lamp	L/H	W	€	RAEE	
							lum.	lamp.
	2002 01 35	White	T5	G5	35w	612,85	0.85	0.30
	2002 09 35	Green	T5	G5	35w	623,15	0.85	0.30
	2002 12 35	Yellow	T5	G5	35w	623,15	0.85	0.30
	2002 13 35	Orange	T5	G5	35w	623,15	0.85	0.30

Telma LED

Includes electronic transformers and lamps LED

G5	Ref.	Colour	Lamp	W	€	RAEE
						lum.
	2002 01 30	White	LED	30w	917,11	0.65
	2002 09 30	Green	LED	30w	917,11	0.65
	2002 12 30	Yellow	LED	30w	917,11	0.65
	2002 13 30	Orange	LED	30w	917,11	0.65

* Supplied in a standard manner with 6500° K lamp

OPTIONS LED

IRC / Colour temperature

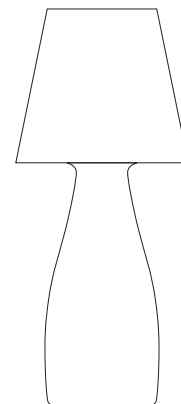
Ref. 83	3000°K
Ref. 86	6500°K

Rough increase of accessories

	€
Ref. 2061 LED RGB and controller remoto	122,10



ø 750



1800



Ref. 2061
LED RGB and controller remoto



Accessories

Lighting

Price list

Automatic lighting systems

LED Lamps and modules

Lighting LED Lamps

Sheets PBC LED

Conventional lamps

Electronics ballasts

Drivers

Support for recessed

Other accessories



Automatic lighting systems Low consumption lamps

Lighting control DALI system (Actilume)

The main goal of this new automatic dimmable system is to provide comfort and energy savings to the user. These savings are obtained in three ways:

Firstly, this system has a movement detector very sensitive to human movements, turning the light on automatically when someone is in the room. When someone goes out the detector turns the luminaries off.

Secondly, it is possible to save energy by a light sensor for daylight control. When enough daylight gets into the rooms, the quantity of artificial light is regulated so the system provides just the percentage of light needed to complete the light intensity programmed.

Finally, the lights can be controlled manually only by a wired switch with a single push (Touch and Dim)

This Lighting Control System is supplied programmed and wired, making easy the installation.

Mode selector

Movement detector / sensor

Daylight regulation detector

Personalised light



Components

- 1 Movement sensor and daylight detector
- 1 Electronic ballast tipe DALI
- 1 Controller

Movement sensor and daylight detector

This sensor can control and regulate up to nine fixtures. For all kinds low consumption and fluorescence lamps.

Ref.	Presence detector	Flux	Programmable	Nº Lumin.	€
SE1	Yes	Yes	Yes	1 a 9	102,79

Controller domótica

Este controller es capaz de regular hasta 9 luminarias. Para lamps de bajo consumo tipe PL-C/T/R. Regulación mediante protocolo DALI.

Ref.	Presence detector	Flux	Programmable	Nº Lumin.	€
C01	Yes	Yes	Yes	1 a 9	115,58

Electronic DALI ballast

For low consumption lamps PL-C/T/R. Regulations by Dali System.

Ref.	Presence detector	Flux	Programmable	Nº Lumin/W	€
BD 118	Yes	Yes	Yes	1x18w	92,49
BD 126	Yes	Yes	Yes	1x26w	92,50
BD 132	Yes	Yes	Yes	1x32w	92,51
BD 142	Yes	Yes	Yes	1x42w	92,52
BD 218	Yes	Yes	Yes	2x18w	102,62
BD 226	Yes	Yes	Yes	2x26w	102,63
BD 232	Yes	Yes	Yes	2x32w	102,64
BD 242	Yes	Yes	Yes	2x42w	102,65

LED Lamps and modules



1,5w dichroic LED lamp.

Ref.	Type / Colour	ø	L/H	V	W	LM	€	RAEE lamp
BDL 02C	LED White warm	50mm	GU5.3	12v	1,5w	96	7,15	0,20
BDLB 02F	LED White cold	50mm	GU5.3	12v	1,5w	120	7,15	0,20
BDLA 02A	LED Blue	50mm	GU5.3	12v	1,5w	96	7,31	0,20
BGL 02C	LED White warm	50mm	GU-10	220v	1,2w	96	7,53	0,20
BGLB 02F	LED White cold	50mm	GU-10	220v	1,2w	120	7,53	0,20
BGLA 02A	LED Blue	50mm	GU-10	220v	1,2w	96	7,67	0,20



5w dichroic LED lamp.

Ref.	Type / Colour	ø	L/H	V	W	LM	€	RAEE lamp
BDL 05C	LED White warm	50mm	GU5.3	12v	5w	180	39,24	0,20
BDL 05F	LED White cold	50mm	GU5.3	12v	5w	240	39,24	0,20

* Needs Driver 350mA.



7w dichroic LED lamp.

Ref.	Type / Colour	ø	L/H	V	W	LM	€	RAEE lamp
BGL 07C	LED White warm	50mm	GU-10	220v	7w	-	74,26	0,20
BGL 07F	LED White cold	50mm	GU-10	220v	7w	-	74,26	0,20



7,2w LED lamp.

Ref.	Type / Colour	Temp.Colour	ø	V	W	LM	€	RAEE lamp
BDL 09C	LED White warm	3300	50mm	-	7,2w	258	42,33	0,20
BDL 09M	LED White medium	5400	50mm	-	7,2w	300	42,33	0,20
BDL 09F	LED White frio	6500	50mm	-	7,2w	315	42,33	0,20

* Supplied with heatsink .
* Needs Driver 700mA 12v.



3-9W 700mA 3-12V driver kit and 7,2w LED lamp.

Ref.	Type / Colour	Temp.Colour	ø	V	W	LM	€	RAEE lamp
3142 72 83	LED White warm	3300	50mm	-	7,2w	258	97,38	0,20
3142 72 85	LED White medium	5400	50mm	-	7,2w	300	97,38	0,20
3142 72 86	LED White frio	6500	50mm	-	7,2w	315	97,38	0,20

* Supplied with heatsink

4w dichroic LED lamp.

Ref.	Type / Colour	ø	L/H	V	W	LM	€	RAEE lamp
3170 83	LED White warm	50mm	GU-10	220v	4w	180	41,09	0,20
3170 86	LED White cold	50mm	GU-10	220v	4w	240	41,09	0,20



Controller MR16 LED RGB lamp

Ref.	€
3080	6,79

* Control lamps infinite because all have the same frequency.



MR16 RGB LED lamp.

Ref.	Type	ø	Colour	IRC	Estimated life	L/H	Voltaje	W	LM	€	RAEE lamp
3081	LED	50mm	RGB	-	30000hrs	GU5.3	12V AC/DC	3w	-	43,67	0,20





LED FORTIMO System Philips.

Ref.	Type / Colour	Temp. color	W	LM	€
3062 17 83	LED System White warm	3000 K°	17w	-	244,68
3062 19 84	LED System White cold	4000 K°	19w	-	252,97
3062 32 83	LED System White warm	3000 K°	32w	-	272,10
3062 36 84	LED System White cold	4000 K°	36w	-	279,05
3062 50 83	LED System Food White warm	3000 K°	50w	-	483,48
3062 50 84	LED System Food White cold	4000 K°	50w	-	462,98

* Includes power supply unit.
* Needs heatsink. Ask.



Osram LED DRAGON-X 1,2w a 350mA.

Ref.	Type / Colour	Temp. color	W	LM	€
3060 83	LED White warm	3300 K°	1,2w	86	12,75
3060 85	LED White medium	5400 K°	1,2w	100	12,75
3060 86	LED White cold	6500 K°	1,2w	105	12,75

* Need power supply unit.



LED BRIDGELUX lamp (USA).

Ref.	Type / Colour	Temp. color	W	LM	€
3061 17 83	LED White warm	3000 K°	17w	-	111,24
3061 17 84	LED White cold	4100 K°	17w	-	111,24
3061 17 85	LED White cold	5600 K°	17w	-	69,52
3061 25 83	LED White warm	3000 K°	25w	-	154,34
3061 25 84	LED White cold	4100 K°	25w	-	154,34
3061 25 85	LED White cold	5600 K°	25w	-	88,83
3061 29 85	LED White cold	5600 K°	29w	-	139,25

* Needs heatsink and power supply unit. Ask.



12W LED-111 lamp

Ref.	Type / Colour	ø	L/H	V	W	LM	€	RAEE lamp
BQL 35C	LED White warm	111mm	-	12v	12w	720	123,80	0.20
BQL 35F	LED White cold	111mm	-	12v	12w	960	123,80	0.20



LED T8 fluorescence lamp.

Ref.	N° leds	Watts	Replaceable by:	T.Colour	€ (per lamp)
Ref. LED09W	174 leds	9w	18w	4000°K	88,37
Ref. LED15W	243 leds	15w	36w	4000°K	123,49
Ref. LED20W	342 leds	20w	58w	4000°K	162,47



7w LED E-27 lamp.

Ref.	Type / Colour	ø	L/H	Lum	W	LM	€	RAEE lamp
3171 83	LED White warm	60mm	E-27	450	7w	280	58,19	0.20
3171 86	LED White cold	60mm	E-27	360	7w	360	58,19	0.20



LED R50 lamp.

Ref.	Type	ø	Colour	IRC	Estimated life	L/H	Voltaje	W	LM	€	RAEE lamp
3082	LED	-	4000°K	80	30000hrs	E-14	220-240V AC	4,5w	240	44,49	0.20



LED R63 lamp.

Ref.	Type	ø	Colour	IRC	Estimated life	L/H	Voltaje	W	LM	€	RAEE lamp
3083	LED	-	4000°K	80	30000hrs	E-27	220-240V AC	6w	320	57,47	0.20



LED PAR 20 lamp.

Ref.	Type	Bevel	Colour	IRC	Estimated life	L/H	Voltaje	W	LM	€	RAEE lamp
3084	LED	38°	4000°K	80	30000hrs	E-27	220-240V AC	6w	320	57,47	0.20



LED PAR 30 lamp.

Ref.	Type	Bevel	Colour	IRC	Estimated life	L/H	Voltaje	W	LM	€	RAEE lamp
3085	LED	38°	4000°K	80	30000hrs	E-27	220-240V AC	9w	700	86,10	0.20



LED PAR 38 lamp.

Ref.	Type	Bevel	Colour	IRC	Estimated life	L/H	Voltaje	W	LM	€	RAEE lamp
3086	LED	38°	4000°K	80	30000hrs	E-27	220-240V AC	15w	960	139,05	0.20



Lighting LED Lamps®



4,8W LED PL G24d3 lamp.

Ref.	Type / Colour	L/H	Sheet	N° LED	W	LM	€
3144 83	LED White warm 3300°K	G24d3	120mm	4	4,8w	344	48,80
3144 85	LED White medium 5400°K	G24d3	120mm	4	4,8w	400	48,80
3144 86	LED White cold 6500°K	G24d3	120mm	4	4,8w	420	48,80

* Needs Driver 750mA.

350mA driver kit and 4,8W LED PL G24d3 lamp.

Ref.	Type / Colour	L/H	Sheet	N° LED	W	LM	€
3145 83	LED White warm 3300°K	G24d3	120mm	4	4,8w	344	66,20
3145 85	LED White medium 5400°K	G24d3	120mm	4	4,8w	400	66,20
3145 86	LED White cold 6500°K	G24d3	120mm	4	4,8w	420	66,20



7,2W LED PL G24d3 lamp.

Ref.	Type / Colour	L/H	Sheet	N° LED	W	LM	€
3146 83	LED White warm 3300°K	G24d3	70mm	6	7,2w	516	64,80
3146 85	LED White medium 5400°K	G24d3	70mm	6	7,2w	600	64,80
3146 86	LED White cold 6500°K	G24d3	70mm	6	7,2w	630	64,80

* Needs Driver 750mA.

350mA driver kit and 7,2W LED PL G24d3 lamp.

Ref.	Type / Colour	L/H	Sheet	N° LED	W	LM	€
3147 83	LED White warm 3300°K	G24d3	70mm	6	7,2w	516	77,30
3147 85	LED White medium 5400°K	G24d3	70mm	6	7,2w	600	77,30
3147 86	LED White cold 6500°K	G24d3	70mm	6	7,2w	630	77,30



10,8W LED PL G24d3 lamp.

Ref.	Type / Colour	L/H	Sheet	N° LED	W	LM	€
3148 83	LED White warm 3300°K	G24d3	90mm	9	10,8w	774	79,60
3148 85	LED White medium 5400°K	G24d3	90mm	9	10,8w	900	79,60
3148 86	LED White cold 6500°K	G24d3	90mm	9	10,8w	945	79,60

* Needs Driver 750mA.

350mA driver kit and 10,8W LED PL G24d3 lamp.

Ref.	Type / Colour	L/H	Sheet	N° LED	W	LM	€
3149 83	LED White warm 3300°K	G24d3	90mm	9	10,8w	774	110,20
3149 85	LED White medium 5400°K	G24d3	90mm	9	10,8w	900	110,20
3149 86	LED White cold 6500°K	G24d3	90mm	9	10,8w	945	110,20



14,4W LED PL G24d3 lamp.

Ref.	Type / Colour	L/H	Sheet	N° LED	W	LM	€
3150 83	LED White warm 3300°K	G24d3	120mm	12	14,4w	1032	94,60
3150 85	LED White medium 5400°K	G24d3	120mm	12	14,4w	1200	94,60
3150 86	LED White cold 6500°K	G24d3	120mm	12	14,4w	1260	94,60

* Needs Driver 750mA.

350mA driver kit and 14,4W LED PL G24d3 lamp.

Ref.	Type / Colour	L/H	Sheet	N° LED	W	LM	€
3151 83	LED White warm 3300°K	G24d3	120mm	12	14,4w	1032	119,80
3151 85	LED White medium 5400°K	G24d3	120mm	12	14,4w	1200	119,80
3151 86	LED White cold 6500°K	G24d3	120mm	12	14,4w	1260	119,80



275 mm

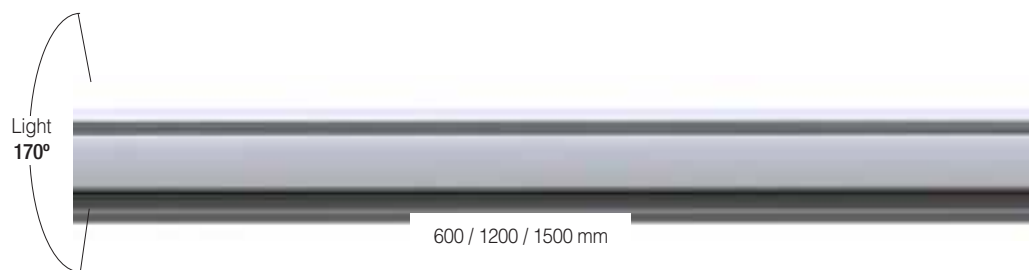
E40 LED PL lamp.

Ref.	Type / Colour	L/H	Sheet	N° LED	W	LM	€
3158 30 83	LED White warm 3300°K	E40	210mm	25	30w	2150	208,40
3158 30 85	LED White medium 5400°K	E40	210mm	25	30W	2500	208,40
3158 30 86	LED White cold 6500°K	E40	210mm	25	30W	3625	208,40
3158 36 83	LED White warm 3300°K	E40	210mm	30	36w	2580	247,50
3158 36 85	LED White medium 5400°K	E40	210mm	30	36W	3000	247,50
3158 36 86	LED White cold 6500°K	E40	210mm	30	36W	3150	247,50
3158 42 83	LED White warm 3300°K	E40	210mm	35	42w	3010	286,20
3158 42 85	LED White medium 5400°K	E40	210mm	35	42W	3500	286,20
3158 42 86	LED White cold 6500°K	E40	210mm	30	42W	3675	286,20

* Needs Driver 750mA.

350mA driver kit and LED PL E40 lamp.

Ref.	Type / Colour	L/H	Sheet	N° LED	W	LM	€
3159 30 83	LED White warm 3300°K	E40	210mm	25	30w	2150	265,40
3159 30 85	LED White medium 5400°K	E40	210mm	25	30W	2500	265,40
3159 30 86	LED White cold 6500°K	E40	210mm	25	30W	3625	265,40
3159 36 83	LED White warm 3300°K	E40	210mm	30	36w	2580	299,80
3159 36 85	LED White medium 5400°K	E40	210mm	30	36W	3000	299,80
3159 36 86	LED White cold 6500°K	E40	210mm	30	36W	3150	299,80
3159 42 83	LED White warm 3300°K	E40	210mm	35	42w	3010	340,60
3159 42 85	LED White medium 5400°K	E40	210mm	35	42W	3500	340,60
3159 42 86	LED White cold 6500°K	E40	210mm	30	36W	3675	340,60



600 / 1200 / 1500 mm

Lamp LED T8

Ref.	Type / Colour	L/H	Sheet	N° LED	W	LM	€
3162 09 83	LED White warm 3300°K	T8	600mm	8	9w	774	77,20
3162 09 85	LED White medium 5400°K	T8	600mm	8	9w	800	77,20
3162 09 86	LED White cold 6500°K	T8	600mm	8	9w	840	77,20
3162 15 83	LED White warm 3300°K	T8	1200mm	13	15w	1118	106,10
3162 15 85	LED White medium 5400°K	T8	1200mm	13	15w	1300	106,10
3162 15 86	LED White cold 6500°K	T8	1200mm	13	15w	1365	106,10
3162 20 83	LED White warm 3300°K	T8	1500mm	17	20w	1462	138,60
3162 20 85	LED White medium 5400°K	T8	1500mm	17	20w	1700	138,60
3162 20 86	LED White cold 6500°K	T8	1500mm	17	20w	1785	138,60

* Needs Driver 750mA.

350mA driver kit and T8 lamp.

Ref.	Type / Colour	L/H	Sheet	N° LED	W	LM	€
3163 09 83	LED White warm 3300°K	T8	600mm	8	9w	774	98,80
3163 09 85	LED White medium 5400°K	T8	600mm	8	9w	800	98,80
3163 09 86	LED White cold 6500°K	T8	600mm	8	9w	840	98,80
3163 15 83	LED White warm 3300°K	T8	1200mm	13	15w	1118	132,10
3163 15 85	LED White medium 5400°K	T8	1200mm	13	15w	1300	132,10
3163 15 86	LED White cold 6500°K	T8	1200mm	13	15w	1365	132,10
3163 20 83	LED White warm 3300°K	T8	1500mm	17	20w	1462	168,60
3163 20 85	LED White medium 5400°K	T8	1500mm	17	20w	1700	168,60
3163 20 86	LED White cold 6500°K	T8	1500mm	17	20w	1785	168,60



Sheets PBC LED



Sheet PBC MODUS

Ref.	Type / Colour	Tc.°k	N° LED	W	LM	€
3220 83	LED White warm	3300	3	7,2w	516	27,10
3220 85	LED White medium	5400	3	7,2w	600	27,15
3220 86	LED White cold	6500	3	7,2w	630	27,15

Sheet PBC MINIDUCTO

Ref.	Type / Colour	TC.°k	N° LED	W	LM	€
3274 83	LED White warm	3300°K	6	14,4w	1032	59,50
3274 85	LED White medium	5400°K	6	14,4w	1200	57,60
3274 86	LED White cold	6500°K	6	14,4w	1260	57,60

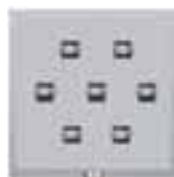


Sheet PBC DUCTO MEDIUM

Ref.	Type / Colour	Tc°k	N° LED	W	LM	€
3275 83	LED White warm	3300	9	21,6w	1548	77,50
3275 85	LED White medium	5400	9	21,6w	1800	76,20
3275 86	LED White cold	6500	9	21,6w	1890	76,20

Sheet PBC DUCTO

Ref.	Type / Colour	Tc°k	N° LED	W	LM	€
3273 83	LED White warm	3300	13	31,2w	2236	105,30
3273 85	LED White medium	5400	13	31,2w	2600	98,60
3273 86	LED White cold	6500	13	31,2w	2730	98,60



Sheet PBC MICRA

Ref.	Type / Colour	Tc°k	N° LED	W	LM	€
3276 83	LED White warm	3300	7	16,8w	1204	62,60
3276 85	LED White medium	5400	7	16,8w	1400	60,10
3276 86	LED White cold	6500	7	16,8w	1470	60,10



Sheet PBC SATO

Ref.	Type / Colour	Tc°k	N° LED	W	LM	€
3277 83	LED White warm	3300	14	33,6w	2408	98,20
3277 85	LED White medium	5400	14	33,6w	2800	96,10
3277 86	LED White cold	6500	14	33,6w	2940	96,10



Sheet PBC TENKO

Ref.	Type / Colour	Tc°k	N° LED	W	LM	€
3279 83	LED White warm	3300	16	38w	2752	140,80
3279 85	LED White medium	5400	16	38w	3200	136,20
3279 86	LED White cold	6500	16	38w	3360	136,20



Sheet PBC LIKON

Ref.	Type / Colour	Tc°k	N° LED	W	LM	€
3271 83	LED White warm	3300	16	38w	2752	150,60
3271 85	LED White medium	5400	16	38w	3200	145,50
3271 86	LED White cold	6500	16	38w	3360	145,50

Sheet PBC LIKON

Ref.	Type / Colour	Tc°k	N° LED	W	LM	€
3272 83	LED White warm	3300	20	48w	3440	158,10
3272 85	LED White medium	5400	20	48w	4000	150,20
3272 86	LED White cold	6500	20	48w	4200	150,20



Conventional lamps



2-pin halogen lamp

Ref.	L/H	V	W	€
BB 10	G-4	12v	10w	1,29
BB 20	G-4	12v	20w	1,29



2-pin halogen lamp G-9

Ref.	L/H	V	W	€
BG 25	G-9	220v	25w	8,06
BG 40	G-9	220v	40w	8,06
BG 60	G-9	220v	60w	8,06
BG 75	G-9	220v	75w	8,06



Dichroic halogen lamp.

Ref.	Type	ø	L/H	V	W	€
BD 50	Dicr. Closed	50mm	GU5.3	12v	50w	2,03
BD 35	Dicr. Closed	35mm	GU5.3	12v	35w	2,03
BD2 50	Dicr. Closed	50mm	GU5.3	220v	50w	6,30



Dichroic halogen lamp GU-10

Ref.	Type	ø	L/H	V	W	€
BDG 50	Dicr. Closed	50mm	GU-10	220v	50w	6,61



Direct reflective lamp 11w

Ref.	Type	ø	L/H	V	W	€	RAEE Lamp.
BGR 09	Low consumption	50mm	GU-10	220v	11w	9,47	0,20



QR-111 halogen lamps.

Ref.	ø	Bevel°	L/H	V	W	€
BQ 35 04	111mm	4°	G53	12v	35w	17,30
BQ 35 24	111mm	24°	G53	12v	35w	17,30
BQ 50 04	111mm	4°	G53	12v	50w	17,30
BQ 50 08	111mm	8°	G53	12v	50w	17,30
BQ 50 24	111mm	24°	G53	12v	50w	17,30
BQ 60 08	111mm	8°	G53	12v	60w	23,48
BQ 60 24	111mm	24°	G53	12v	60w	23,48
BQ 60 45	111mm	45°	G53	12v	60w	23,48
BQ 75 08	111mm	8°	G53	12v	75w	17,30
BQ 75 24	111mm	24°	G53	12v	75w	17,30
BQ 75 45	111mm	45°	G53	12v	75w	17,30
BQ 10 08	111mm	8°	G53	12v	100w	17,30
BQ 10 24	111mm	24°	G53	12v	100w	17,30
BQ 10 45	111mm	45°	G53	12v	100w	17,30

CDM R-111 lamps.

Ref.	ø	Bevel°	L/H	W	€	RAEE lamp
BCD 35 10	111mm	10°	GX8.5	35w	119,27	0.30
BCD 35 24	111mm	24°	GX8.5	35w	119,27	0.30
BCD 35 40	111mm	40°	GX8.5	35w	119,27	0.30
BCD 70 10	111mm	10°	GX8.5	70w	119,27	0.30
BCD 70 24	111mm	24°	GX8.5	70w	119,27	0.30
BCD 70 40	111mm	40°	GX8.5	70w	119,27	0.30



CDM-TC lamps.

Ref.	L/H	Temp.Colour	W	€	RAEE lamp
SBCDM-TC35	G8.5	3000°K	35w	66,06	0.30
SBCDM-TC70	G8.5	3000°K	70w	68,08	0.30





Metal halide HQI RX7s lamps.

Ref.	Temp.Color ^o	L/H	W	€	RAEE lamp
BHR 70 30	3000°K	RX7s	70W	26,57	0.30
BHR 70 42	4200°K	RX7s	70W	26,57	0.30
BHR 15 30	3000°K	RX7s	150W	26,57	0.30
BHR 15 42	4200°K	RX7s	150W	26,57	0.30
BHR 25 42G	4200°K	FC2	250W	79,17	0.30



Metal halide HQI G-12 lamps.

Ref.	Temp.Color ^o	L/H	W	€	RAEE lamp
BHG 70 30	3000°K	G-12	70W	71,89	0.30
BHG 70 42	4200°K	G-12	70W	71,89	0.30
BHG 15 30	3000°K	G-12	150W	71,89	0.30
BHG 15 42	4200°K	G-12	150W	71,89	0.30



PAR30 lamp.

Ref.	L/H	V	W	€	lamp
BPA 30 75	E-27	220V	75W	20,02	0.30



Ovoid metal halide E-40 lamps.

Ref.	L/H	Temp.Colour	W	€	RAEE lamp
BVH 25	E-40	4300°K	250w	55,00	0.30
BVH 40	E-40	4300°K	400w	55,02	0.30



Tubular metal halide E-40 lamps.

Ref.	L/H	Temp.Colour	W	€	RAEE lamp
BTH 25	E-40	4300°K	250w	55,04	0.30
BTH 40	E-40	4300°K	400w	55,06	0.30

Ovoid mercury vapour E-40 lamps.

Ref.	L/H	Temp.Colour	W	€	RAEE lamp
BVM 25	E-40	4500°K	250w	18,74	0.30
BVM 40	E-40	4500°K	400w	25,49	0.30

Tubular sodium vapour E-40 lamps.

Ref.	L/H	Temp.Colour	W	€	RAEE lamp
BTS 15	E-40	2000°K	150w	37,29	0.30
BTS 25	E-40	2000°K	250w	44,04	0.30
BTS 40	E-40	2000°K	400w	51,01	0.30

Ovoid sodium vapour E-40 lamps

Ref.	L/H	Temp.Colour	W	€	RAEE lamp
BVS 15	E-40	2000°K	150w	37,28	0.30
BVS 25	E-40	2000°K	250w	44,03	0.30
BVS 40	E-40	2000°K	400w	51,00	0.30



DULUX F36 lamp.

Ref.	L/H	Temp.Colour	W	€	RAEE lamp
BDU 36 82	2G10	2700°K	36w	19,05	0.20
BDU 36 83	2G10	3000°K	36w	19,05	0.20
BDU 36 84	2G10	4000°K	36w	19,05	0.20

E-27 20w lamps.

Ref.	L/H	Temp.Colour	W	€	RAEE lamp
3200	E-27	4200°K	20w	6,18	0.20



Lamps PL-T lamps.

Ref.	L/H	Temp.Colour	W	€	RAEE lamp
BPT 13 82	GX24d-1	2700°K	13w	15,05	0.20
BPT 13 84	GX24d-1	4000°K	13w	15,05	0.20
BPT 18 82	GX24d-2	2700°K	18w	15,05	0.20
BPT 18 84	GX24d-2	4000°K	18w	15,05	0.20
BPT 26 82	GX24d-3	2700°K	26w	15,05	0.20
BPT 26 83	GX24d-3	3000°K	26w	15,05	0.20
BPT 26 84	GX24d-3	4000°K	26w	15,05	0.20



PL lamp..

Ref.	L/H	Temp.Colour	W	€	RAEE lamp
BPL 09 82	G23	2700°K	9w	5,76	0.20
BPL 09 83	G23	3000°K	9w	5,76	0.20
BPL 09 84	G23	4000°K	9w	5,76	0.20
BPL 13 82	G24d-1	2700°K	13w	5,76	0.20
BPL 13 83	G24d-1	3000°K	13w	5,76	0.20
BPL 13 84	G24d-1	4000°K	13w	5,76	0.20
BPL 18 82	G24d-2	2700°K	18w	5,76	0.20
BPL 18 83	G24d-2	3000°K	18w	5,76	0.20
BPL 18 84	G24d-2	4000°K	18w	5,76	0.20
BPL 26 82	G24d-3	2700°K	26w	5,76	0.20
BPL 26 83	G24d-3	3000°K	26w	5,76	0.20
BPL 26 84	G24d-3	4000°K	26w	5,76	0.20

PLT/E lamps.

Ref.	L/H	Temp.Colour	W	€	RAEE lamp
BPE 13 82	GX24q-1	2700°K	13w	15,07	0.20
BPE 13 83	GX24q-1	3000°K	13w	15,07	0.20
BPE 13 84	GX24q-1	4000°K	13w	15,07	0.20
BPE 18 82	GX24q-2	2700°K	18w	15,07	0.20
BPE 18 83	GX24q-2	3000°K	18w	15,07	0.20
BPE 18 84	GX24q-2	4000°K	18w	15,07	0.20
BPE 26 82	GX24q-3	2700°K	26w	15,07	0.20
BPE 26 83	GX24q-3	3000°K	26w	15,07	0.20
BPE 26 84	GX24q-3	4000°K	26w	15,07	0.20
BPE 32 82	GX24q-3	2700°K	32w	15,16	0.20
BPE 32 83	GX24q-3	3000°K	32w	15,16	0.20
BPE 32 84	GX24q-3	4000°K	32w	15,16	0.20
BPE 42 82	GX24q-4	2700°K	42w	15,26	0.20
BPE 42 83	GX24q-4	3000°K	42w	15,26	0.20
BPE 42 84	GX24q-4	4000°K	42w	15,26	0.20
BPE 57 82	GX24q-5	2700°K	57w	21,11	0.20
BPE 57 84	GX24q-5	4000°K	57w	21,11	0.20



Lamp Globe PL

Ref.	L/H	Temp.Colour	W	€	RAEE lamp
3103 16 82	E27	2700°K	16w	46,94	0.20
3103 20 82	E27	2700°K	20w	46,96	0.20
3103 23 82	E27	2700°K	23w	46,97	0.20
3103 23 86	E27	6500°K	23w	47,00	0.20

Lamps PLR/ECO

Ref.	L/H	Temp.Colour	W	€	RAEE lamp
BPO 14 82	GR14q-1	2700°K	14w	8,34	0.20
BPO 14 83	GR14q-1	3000°K	14w	8,34	0.20
BPO 14 84	GR14q-1	4000°K	14w	8,34	0.20
BPO 17 82	GR14q-1	2700°K	17w	8,34	0.20
BPO 17 83	GR14q-1	3000°K	17w	8,34	0.20
BPO 17 84	GR14q-1	4000°K	17w	8,34	0.20





Fluorescence lamps T8

Ref.	Temp.Color°	L/H	W	€	RAEE lámp
BT8 18 83	3000°K	G13	18w	3,19	0.30
BT8 18 84	4000°K	G13	18w	3,19	0.30
BT8 18 86	6500°K	G13	18w	3,19	0.30
BT8 36 83	3000°K	G13	36w	3,81	0.30
BT8 36 84	4000°K	G13	36w	3,81	0.30
BT8 36 86	6500°K	G13	36w	3,81	0.30
BT8 58 83	3000°K	G13	58w	4,53	0.30
BT8 58 84	4000°K	G13	58w	4,53	0.30
BT8 58 86	6500°K	G13	58w	4,53	0.30



Fluorescence lamps T5

Ref.	Temp.Color°	L/H	W	€	RAEE lámp
BT5 14 83	3000°K	G5	14w	5,25	0.30
BT5 14 84	4000°K	G5	14w	5,25	0.30
BT5 14 86	6500°K	G5	14w	5,25	0.30
BT5 21 83	3000°K	G5	21w	5,66	0.30
BT5 21 84	4000°K	G5	21w	5,66	0.30
BT5 21 86	6500°K	G5	21w	5,66	0.30
BT5 24 83	3000°K	G5	24w	6,07	0.30
BT5 24 84	4000°K	G5	24w	6,07	0.30
BT5 24 86	6500°K	G5	24W	6,07	0.30
BT5 28 83	3000°K	G5	28w	5,66	0.30
BT5 28 84	4000°K	G5	28w	5,66	0.30
BT5 28 86	6500°K	G5	28W	5,66	0.30
BT5 35 83	3000°K	G5	35w	5,66	0.30
BT5 35 84	4000°K	G5	35w	5,66	0.30
BT5 35 86	6500°K	G5	35W	5,66	0.30
BT5 39 83	3000°K	G5	39w	6,07	0.30
BT5 39 84	4000°K	G5	39w	6,07	0.30
BT5 39 86	6500°K	G5	39W	6,07	0.30
BT5 49 83	3000°K	G5	49w	6,07	0.30
BT5 49 84	4000°K	G5	49w	6,07	0.30
BT5 49 86	6500°K	G5	49W	6,07	0.30
BT5 54 83	3000°K	G5	54w	6,07	0.30
BT5 54 84	4000°K	G5	54w	6,07	0.30
BT5 54 86	6500°K	G5	54W	6,07	0.30
BT5 80 83	3000°K	G5	80w	7,51	0.30
BT5 80 84	4000°K	G5	80w	7,51	0.30
BT5 80 86	6500°K	G5	80W	7,51	0.30



PL-L lamps.

Ref.	L/H	Temp.Colour	W	€	RAEE lámp
BPLL 18 82	2G11	2700°K	18w	7,31	0.20
BPLL 18 83	2G11	3000°K	18w	7,31	0.20
BPLL 18 84	2G11	4000°K	18w	7,31	0.20
BPLL 18 86	2G11	6500°K	18w	7,31	0.20
BPLL 36 82	2G11	2700°K	36w	7,31	0.20
BPLL 36 83	2G11	3000°K	36w	7,31	0.20
BPLL 36 84	2G11	4000°K	36w	7,31	0.20
BPLL 36 86	2G11	6500°K	36w	7,31	0.20
BPLL 55 82	2G11	2700°K	55w	8,24	0.20
BPLL 55 83	2G11	3000°K	55w	8,24	0.20
BPLL 55 84	2G11	4000°K	55w	8,24	0.20
BPLL 55 86	2G11	6500°K	55w	8,24	0.20

Electronic ballast



Electronic ballast

Ref.	Lamps	Output power (W)	€
BE 113	Low consumption tipe PL and PL-T	1x13w	33,06
BE 118	Low consumption tipe PL and PL-T	1x18w	33,06
BE 126	Low consumption tipe PL and PL-T	1x26w	33,06
BE 132	Low consumption tipe PLT/E	1x32w	34,91
BE 142	Low consumption tipe PLT/E	1x42w	34,91
BE 213	Low consumption tipe PL and PL-T	2x13w	35,12
BE 218	Low consumption tipe PL and PL-T	2x18w	35,12
BE 226	Low consumption tipe PL and PL-T	2x26w	35,12
BE 232	Low consumption tipe PLT/E	2x32w	37,90
BE 242	Low consumption tipe PLT/E	2x42w	37,90



Gear for metal halide

Ref.	Lamps	Output power (W)	€
HM 70	HQI	70W	32,03
HM 15	HQI	150W	40,58
HM 25	HQI	250W	55,10



Electronic ballast for HQI 70W and 150W lamps

Ref.	Lamps	Power	€
BEHQI35	HQI	35W	53,56
BEHQI70	HQI	70W	56,54
BEHQI150	HQI	150W	92,28

Dimmable ballast Touch & Dim

Ref.	Lamps	Output power (W)	€
BR 113	Low consumption tipe PL and PL-T	1x13w	81,18
BR 118	Low consumption tipe PL and PL-T	1x18w	81,18
BR 126	Low consumption tipe PL and PL-T	1x26w	81,18
BR 132	Low consumption tipe PLT/E	1x32w	82,60
BR 142	Low consumption tipe PLT/E	1x42w	82,60
BR 213	Low consumption tipe PL and PL-T	2x13w	91,46
BR 218	Low consumption tipe PL and PL-T	2x18w	91,46
BR 226	Low consumption tipe PL and PL-T	2x26w	91,46
BR 232	Low consumption tipe PLT/E	2x32w	92,59
BR 242	Low consumption tipe PLT/E	2x42w	92,59

Dimmable ballast 1-10v

Ref.	Lamps	Output power (W)	€
BRV 113	Low consumption tipe PL and PL-T	1x13w	81,19
BRV 118	Low consumption tipe PL and PL-T	1x18w	81,19
BRV 126	Low consumption tipe PL and PL-T	1x26w	81,19
BRV 132	Low consumption tipe PLT/E	1x32w	82,61
BRV 142	Low consumption tipe PLT/E	1x42w	82,61
BRV 213	Low consumption tipe PL and PL-T	2x13w	91,47
BRV 218	Low consumption tipe PL and PL-T	2x18w	91,47
BRV 226	Low consumption tipe PL and PL-T	2x26w	91,47
BRV 232	Low consumption tipe PLT/E	2x32w	92,60
BRV 242	Low consumption tipe PLT/E	2x42w	92,60



Emergency light for downlight

Ref.	Lamps	Output power (W)	€
EME 113	Low consumption tipe PL	1x13W	124,73
EME 118	Low consumption tipe PL	1x18W	124,73
EME 126	Low consumption tipe PL	1x26W	124,73
EME 213	Low consumption tipe PL	2x13W	124,73
EME 218	Low consumption tipe PL	2x18W	124,73
EME 226	Low consumption tipe PL	2x26W	124,73



Electronic transformers 60W and 105W

Ref.	Lamps	Power	€
TS60	Halógenas	Up to 60W	9,16
TS105	Halógenas	Up to 100W	13,33



Color chart

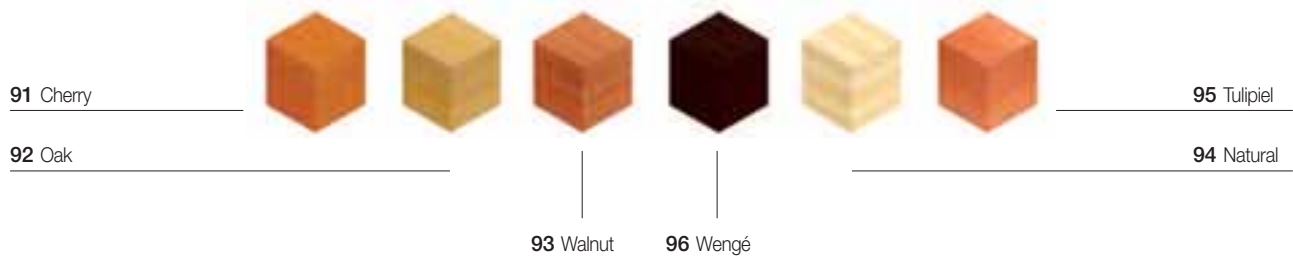
Metal



Glass



Wood



Technical

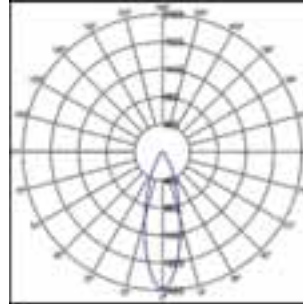
information

References index



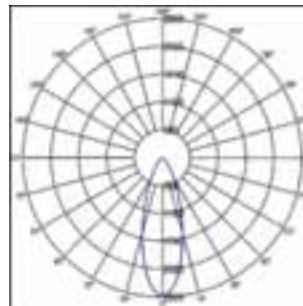
- Ref.: 001 B 01 12 002 B 01
 022 B 01 01 12 025 B 01 01 12
 030 B 01 01 12 031 B 01 01 12
 041 L 13 12 042 L 13 12
 045 L 13 12 046 L 13 12
 046 L 18 12 061 BS 02 12
 063 B 02 12 064 B 02 12
 066 BS 02 12 096 B 01 12
 097 B 01 12 099 B 01 12
 108 L 02 12 156 01 12
 713 B 01 12 714 B 02 12
 1063 L 01 12 1068 L 01 12
 1073 L 01 12 1078 L 01 35
 1111 01 12 1112 01 12
 3068 L 01 14 3069 L 01 14
 3069 L 90 14 3282 02 01 12
 3284 02 01 12 3284 90 04 35

LED



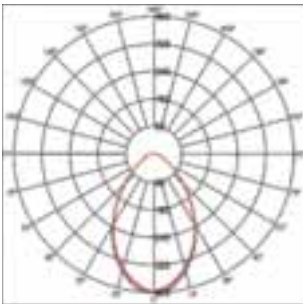
LED-111. 12W WARM

M	Ø	LUX	30°
1	0.33	1588	
2	1.06	390	
3	1.99	173	
4	2.1	87	
5	2.6	62	



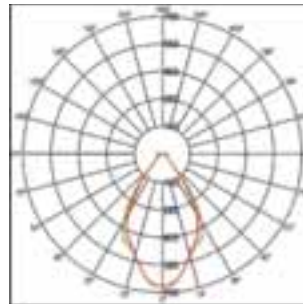
LED-111. 12W COLD

M	Ø	LUX	30°
1	0.80	2000	
2	1.21	815	
3	1.81	229	
4	2.4	129	
5	3.3	82	



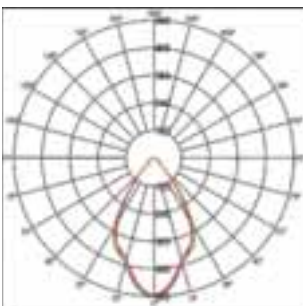
Ref.: 015 01 21 86

M	Ø	LUX	60°
1	1.38	841	
2	2.8	160	
3	4.1	71	
4	5.5	40	
5	6.9	26	



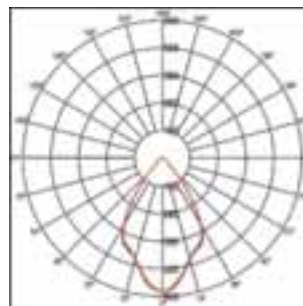
Ref.: 017 01 16 86

M	Ø	LUX	60°
1	1.27	828	
2	2.5	157	
3	3.8	70	
4	5.1	38	
5	6.4	25	



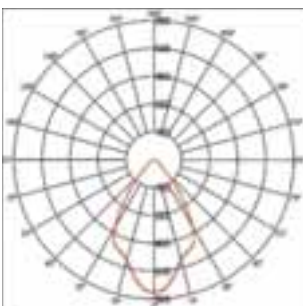
Ref.: 019 01 33 86

M	Ø	LUX	60°
1	1.18	1491	
2	2.4	373	
3	3.5	190	
4	4.7	93	
5	5.9	60	



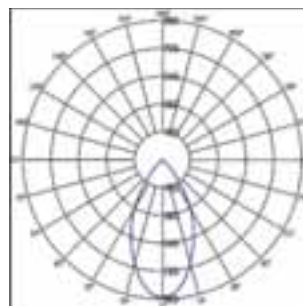
Ref.: 495 01 31 86

M	Ø	LUX	60°
1	1.27	1498	
2	2.5	364	
3	3.8	192	
4	5.1	91	
5	6.3	56	



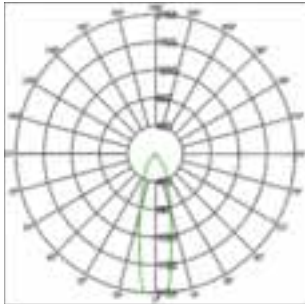
Ref.: 497 01 14 86 /

M	Ø	LUX	60°
1	1.27	816	
2	2.5	154	
3	3.8	69	
4	5.1	38	
5	6.3	25	

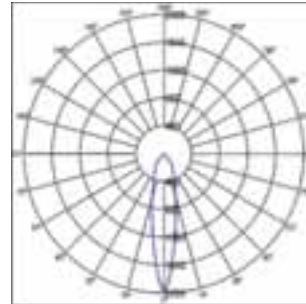
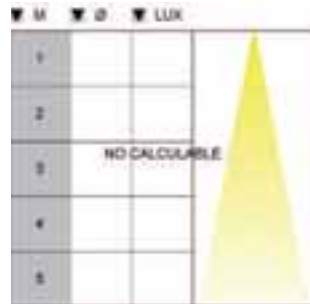


Ref.: 3000 01 09 86

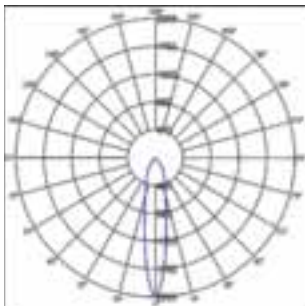
M	Ø	LUX	60°
1	0.99	478	
2	1.98	119	
3	3.0	53	
4	4.0	30	
5	4.9	19.1	



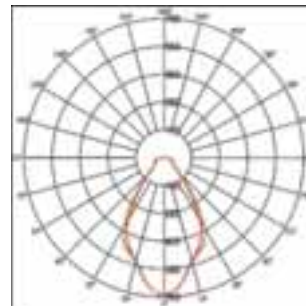
Ref.: 3001 01 17 85



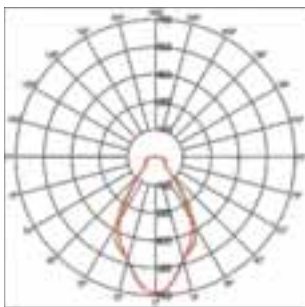
Ref.: 3002 01 25 85



Ref.: 3003 01 29 85



Ref.: 3175 01 86

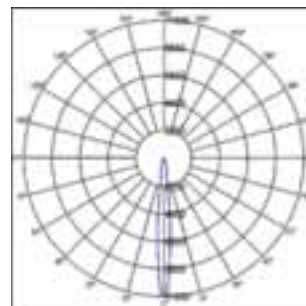


Ref.: 3270 01 38 85

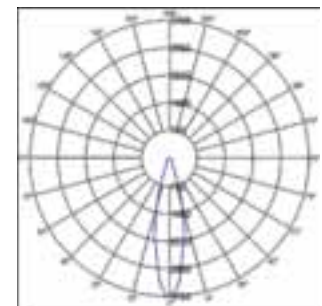


DICROIC HALOGEN

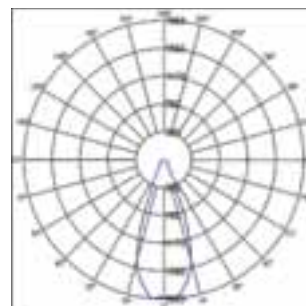
- | | |
|-------------------|--------------|
| Ref.: 001 D 01 50 | 002 D 01 50 |
| 020 02 01 50 | 021 02 01 50 |
| 032 90 01 50 | 033 02 01 50 |
| 038 90 01 50 | 039 02 01 50 |
| 051 02 50 | 052 02 50 |
| 091 01 50 | 092 01 50 |
| 093 01 50 | 094 01 50 |
| 201 01 50 | 202 01 50 |
| 203 01 50 | 204 01 50 |
| 207 01 50 | 208 01 50 |
| 209 00 03 | 210 00 25 |
| 215 06 50 | 216 06 50 |
| 217 06 50 | 219 00 50 |
| 220 00 50 | 220 K 00 11 |
| 227 00 50 | 228 00 50 |
| 229 00 50 | 230 01 50 |
| 231 01 50 | 232 01 50 |
| 233 01 50 | 243 01 50 |
| 251 01 xx 50 | 253 01 xx 50 |
| 262 01 xx 50 | 263 01 xx 50 |
| 280 01 50 | 281 01 50 |
| 282 01 50 | 284 01 50 |
| 285 01 50 | 286 01 50 |
| 298 01 50 | 503 01 |
| 929 00 50 | 961 01 50 |
| 962 01 50 | 963 01 50 |
| 964 01 50 | 970 01 50 |
| 1062 01 50 | 1067 01 50 |
| 1072 01 50 | 1077 01 50 |
| 1093 01 | 1094 01 |
| 1095 01 | 1096 01 |
| 1097 01 | 1098 01 |
| 1099 01 | 1100 01 |
| 1101 01 | 1102 01 |
| 1107 01 | 1108 01 |



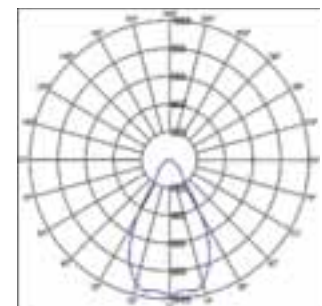
DICROIC HALOGEN 12V-50W 10°



DICROIC HALOGEN 12V-50W 24°



DICROIC HALOGEN 12V-50W 38°

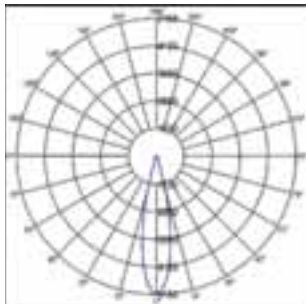


DICROIC HALOGEN 12V-50W 60°

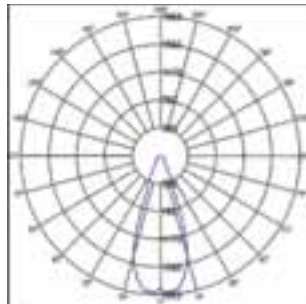


DICROIC HALOGEN 35w

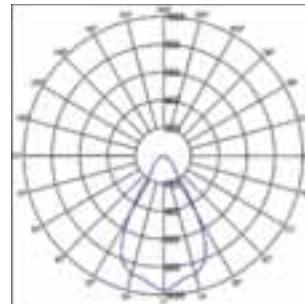
Ref.: 205 01 35 206 01 35



DICROIC HALOGEN 35W 20°



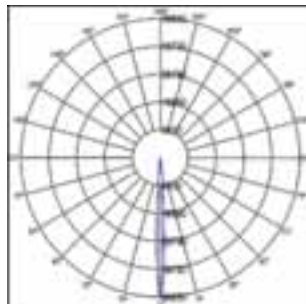
DICROIC HALOGEN 35W 38°



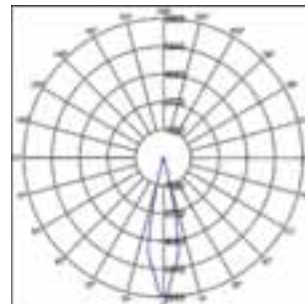
DICROIC HALOGEN 35W 60°

QR-111

Ref.: 001 Q 01 35	002 QC 01 35	107 02 35CP	108 02 35CP
022 01 01 35 24	025 01 01 35	155 01 35	713 Q 01 35
030 01 01 35	031 01 01 35	714 01 35	714 Q 01 35
041 13 35CP	042 13 35CP	1033 02 35	1034 02 35
045 13 35CP	046 13 35CP	1035 02 35	1063 01 35
056 QC 01 35	061 S 02 35 24	1068 01 35	1073 01 35
063 02 35 24	064 02 35 24	1078 01 35	1103 01 35
066 02 35 24	096 01 35	1104 01 35	1109 01 35
098 01 35	099 C 01 35	3068 01 35 24	3069 01 35 24
105 02 35CP	106 02 35CP	3282 02 01 35	3284 02 01 35

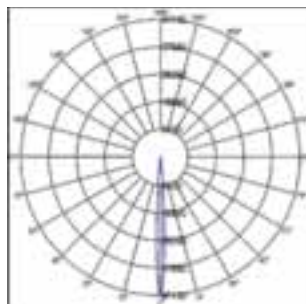


QR-111 35W 8°

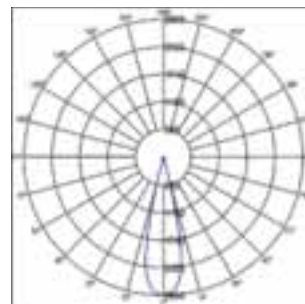


QR-111 35W 24°

Ref.: 001 Q 01 50	002 QC 01 50	107 02 50CP	108 02 50CP
022 01 01 50 45	025 01 01 50	155 01 50	713 Q 01 50
030 01 01 50	031 01 01 50	714 Q 01 50	1033 02 50
041 13 50CP	042 13 50CP	1034 02 50	1035 02 50
045 13 50CP	046 13 50CP	1063 01 50	1068 01 50
056 QC 01 50	061 S 02 50 45	1073 01 50	1078 01 50
063 02 50 45	064 02 50 45	1103 01 50	1104 01 50
066 02 50 45	096 01 50	3068 01 50 45	3069 01 50 45
098 01 50	099 C 01 50	3282 02 01 50	3284 02 01 50
105 02 50CP	106 02 50CP		

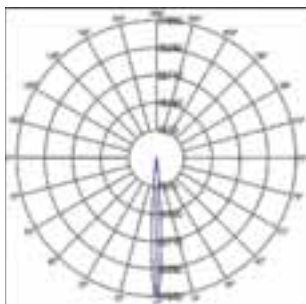


QR-111 50W 8°

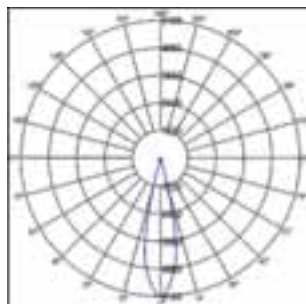


QR-111 50W 24°

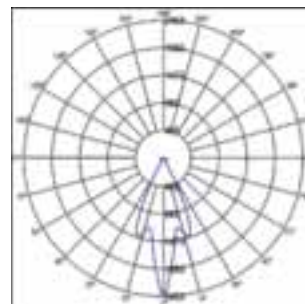
Ref.: 001 Q 01 75	002 QC 01 75		
041 13 75CP	042 13 75CP		
045 13 75CP	046 13 75CP		
056 QC 01 75	096 01 75		
098 01 75	099 C 01 75		
105 02 75CP	106 02 75CP		
107 02 75CP	108 02 75CP		
155 01 75	713 Q 01 75		
714 01 75	714 Q 01 75		
1033 02 75	1034 02 75		
1035 02 75	1063 01 75		
1073 01 75	1078 01 75		
1103 01 75	1104 01 75		
1109 01 70	3068 01 75 45		
3069 01 75 45	3282 02 01 75		
3284 02 01 75			



QR-111 75W 8°

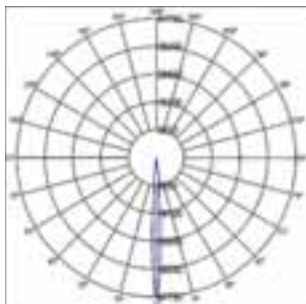


QR-111 75W 24°

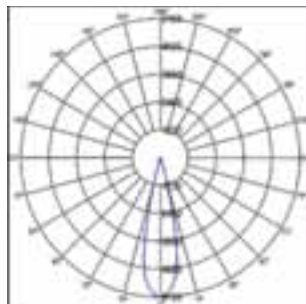


QR-111 75W 45°

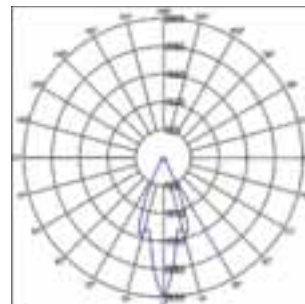
Ref.: 001 Q 01 10	002 QC 01 10		
041 13 10CP	042 13 10CP		
045 13 10CP	046 13 10CP		
056 QC 01 10	096 01 10		
098 01 10	099 C 01 10		
105 02 10CP	106 02 10CP		
107 02 10CP	108 02 10CP		
155 01 10	713 Q 01 10		
714 Q 01 10	714 Q 01 10		
1035 02 10	1034 02 10		
1068 01 10	1063 01 10		
1078 01 10	1073 01 10		
1104 01 10	1103 01 10		
3069 01 10 45	3068 01 10 45		
3284 02 01 10	3282 02 01 10		



QR-111 100W 8°

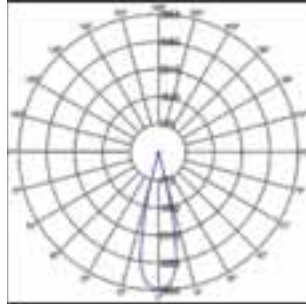


QR-111 100W 24°

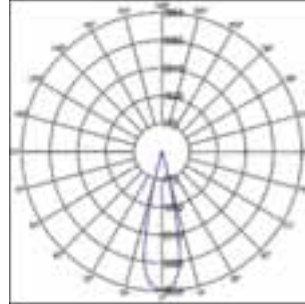


QR-111 100W 45°

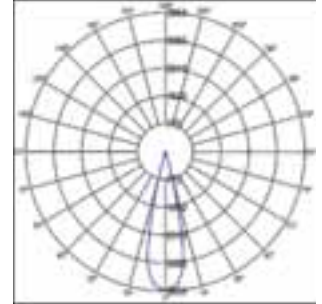
Halogen G-9



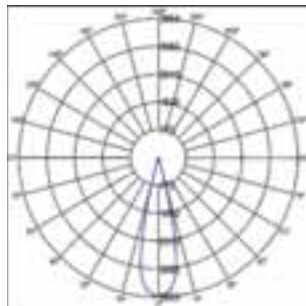
Ref.: 299 01 25



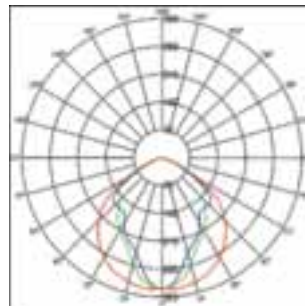
Ref.: 299 01 40



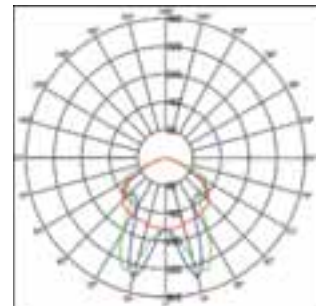
Ref.: 299 01 60



Ref.: 299 01 75

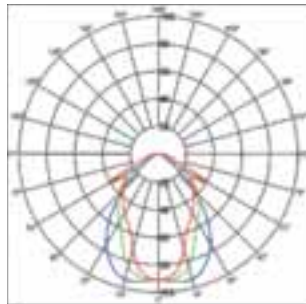


Ref.: 501 01 70



Ref.: 501 01 20

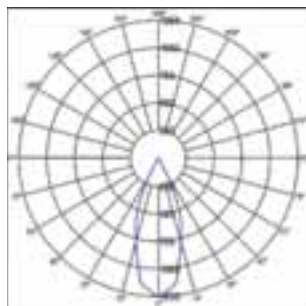
Halogen Bipin



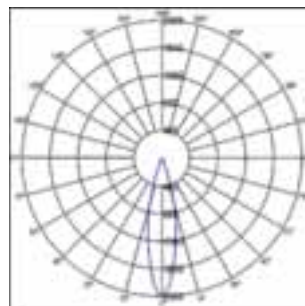
Ref.: 948 58 20 949 58 20
950 58 20

CDMR - 111

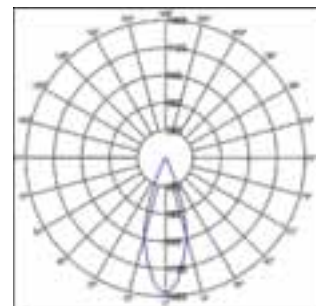
- | | |
|-------------------|---------------|
| Ref.: 001 R 01 35 | 001 R 01 70 |
| 002 RC 01 35 | 002 RC 01 70 |
| 022 R 04 01 35 | 056 RC 01 35 |
| 056 RC 01 70 | 157 01 35 |
| 157 01 70 | 713 01 35 |
| 713 01 70 | 716 02 35C |
| 716 02 70C | 717 02 35C |
| 717 02 70C | 718 02 35C |
| 718 02 70C | 719 02 35C |
| 719 02 70C | 746 01 35C |
| 746 01 70C | 747 01 35C |
| 747 01 70C | 748 01 35C |
| 748 01 70C | 773 01 35 |
| 773 01 70 | 775 01 35 |
| 775 01 70 | 778 01 35 |
| 780 01 35 | 780 90 35 |
| 1064 01 35 | 1064 01 70 |
| 1069 01 35 | 1069 01 70 |
| 1074 01 35 | 1074 01 70 |
| 1079 01 35 | 1079 01 70 |
| 1110 01 35 | 1110 01 70 |
| 3068 R 01 35 | 3068 R 01 70 |
| 3069 R 01 35 | 3069 R 01 70 |
| 3282 02 02 35 | 3282 02 03 35 |



CDMR - 111 35W 40°

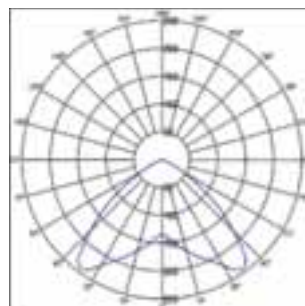


CDMR - 111 70W 24°

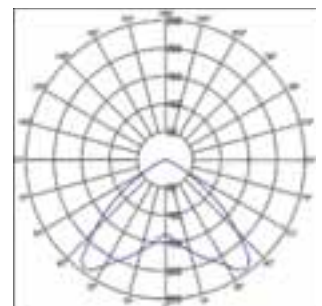


CDMR - 111 70W 40°

- | | |
|---------------|---------------|
| 3282 02 04 35 | 3283 02 01 35 |
| 3283 02 02 35 | 3283 02 02 70 |
| 3283 02 03 35 | 3283 02 03 70 |
| 3283 02 04 35 | 3283 02 04 70 |
| 3284 02 01 35 | 3284 02 02 35 |
| 3284 02 03 35 | 3284 02 04 35 |
| 3285 02 01 35 | 3285 02 01 70 |
| 3285 02 02 35 | 3285 02 02 70 |
| 3285 02 03 35 | 3285 02 03 70 |
| 3285 02 04 35 | 3285 02 04 70 |



CDM-TC 35W



CDM-TC 70W

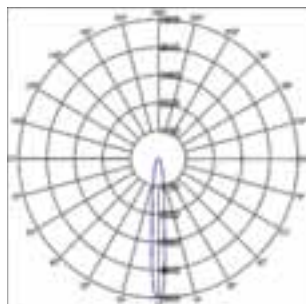
CDM - TC

- | | |
|-------------------|--------------|
| Ref.: 001 T 01 35 | 001 T 01 70 |
| 002 TC 01 35 | 002 TC 01 70 |

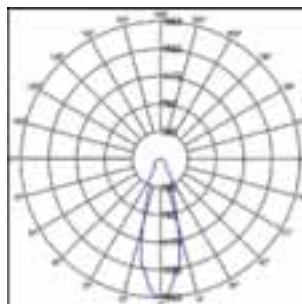


PAR 30 / PAR 20

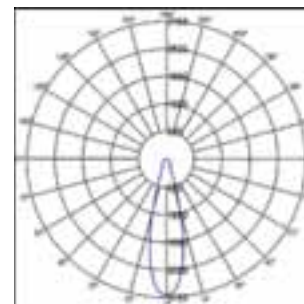
Ref.: 001 H 01 10 001 H 01 75
 109 02 11 604 01 75
 606 01 10



PAR 30 10°



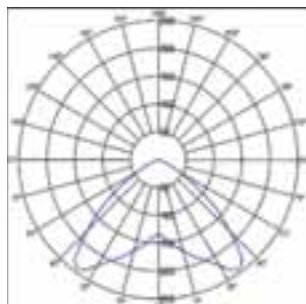
PAR 30 30°



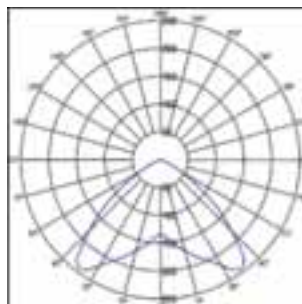
PAR 20 Ref.: 602 01 50

HQI G-12

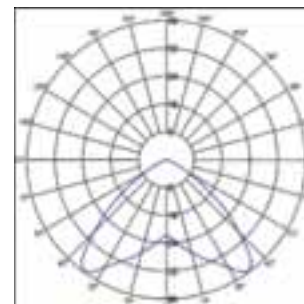
Ref.: 001 G 01 15 001 G 01 35
 002 GC 01 15 002 GC 01 35
 002 GC 01 70 002 HC 01 10
 002 HC 01 75



HQI G-12 35W

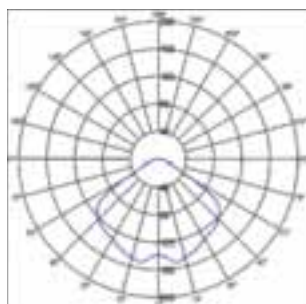


HQI G-12 70W

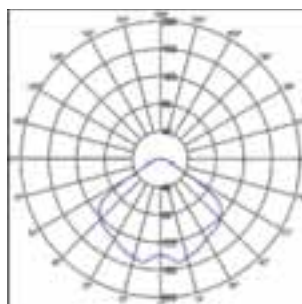


HQI G-12 150W

Ref.: 720 01 15 720 01 35
 720 01 70

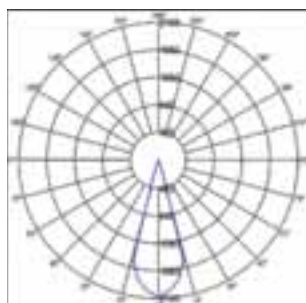


HQI G-12 70W

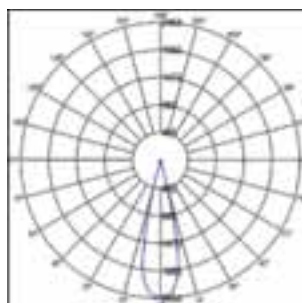


HQI G-12 150W

Ref.: 721 01 15CP 721 01 70CP

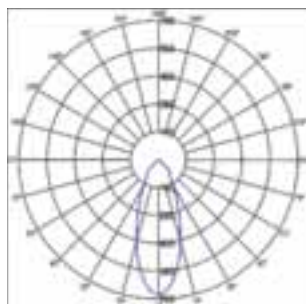


HQI G-12 70W

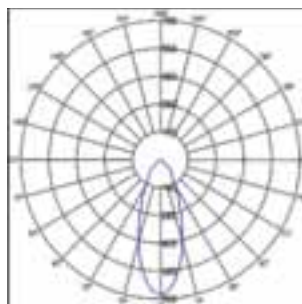


HQI G-12 150W

Ref.: 965 90 15 84 965 90 35 84
 965 90 70 84



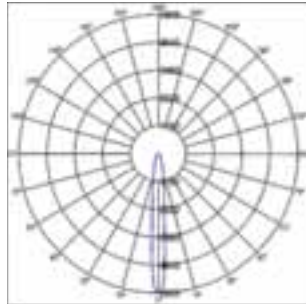
HQI G-12 70W



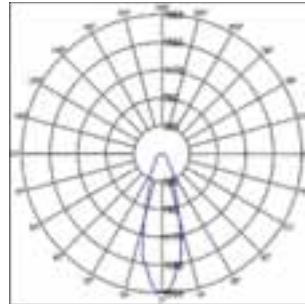
HQI G-12 70W

HQI E-27

Ref.: 109 02 11 109 02 21
 109 02 31 109 02 41

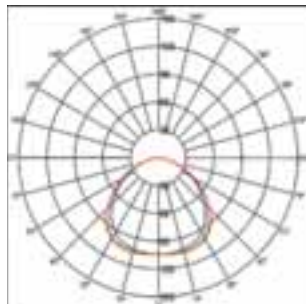


HQI E-27 10°

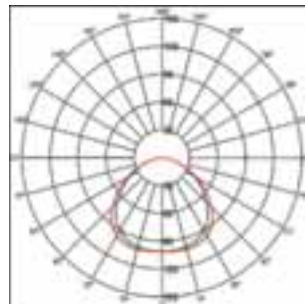


HQI E-27 30°

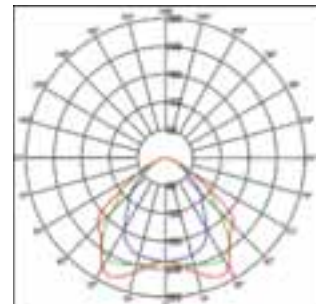
HQI



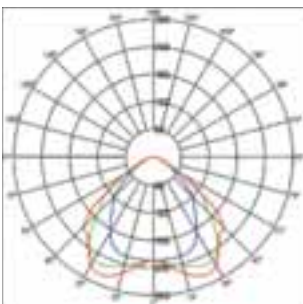
Ref.: 017 G 01 70 84



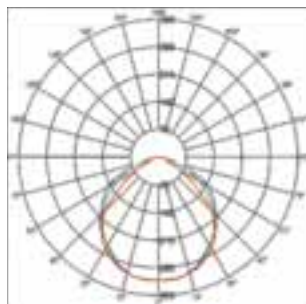
Ref.: 017 G 01 15 84



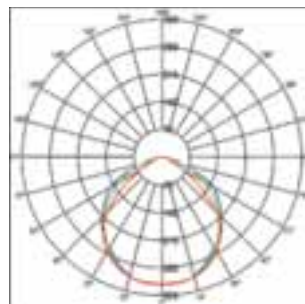
Ref.: 019 F 01 70 84



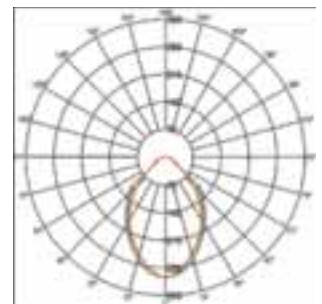
Ref.: 019 F 01 15 84



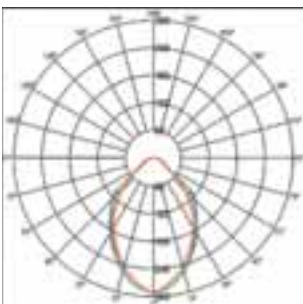
Ref.: 701 01 15



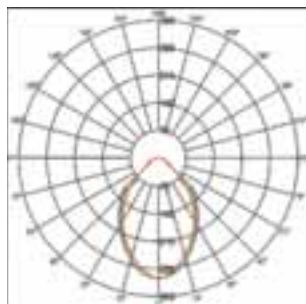
Ref.: 705 01 70



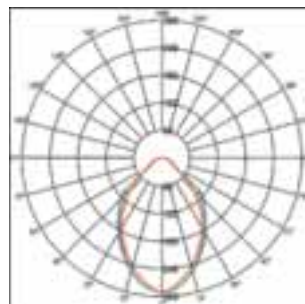
Ref.: 727 C 01



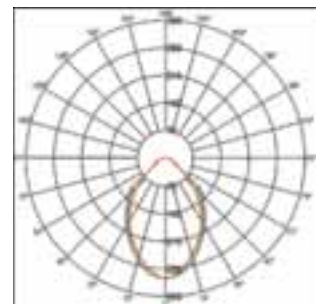
Ref.: 708 01 70



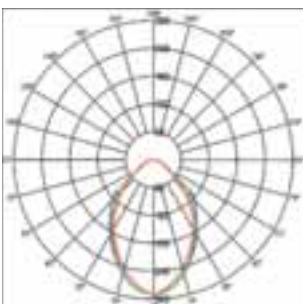
Ref.: 709 01 15



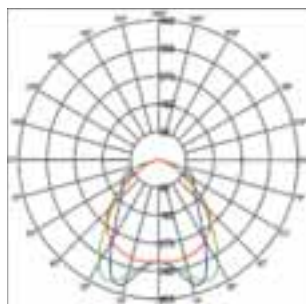
Ref.: 725 C 01



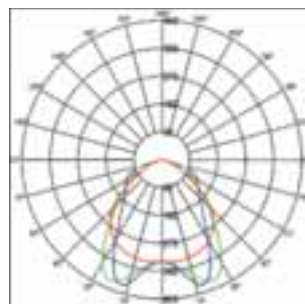
Ref.: 726 C 01



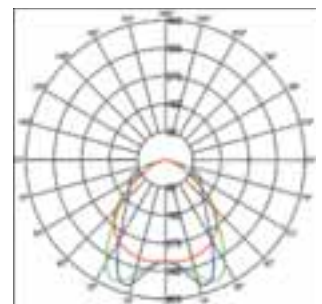
Ref.: 728 C 01



Ref.: 742 01 84

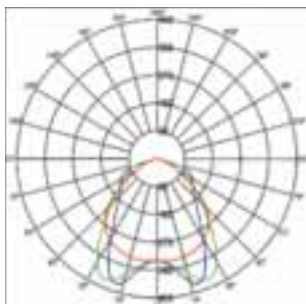


Ref.: 743 01 84

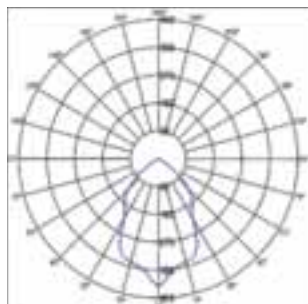


Ref.: 744 01 C

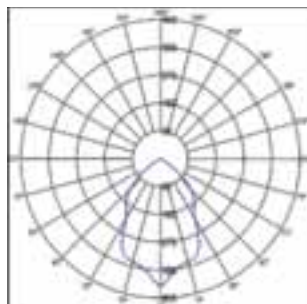




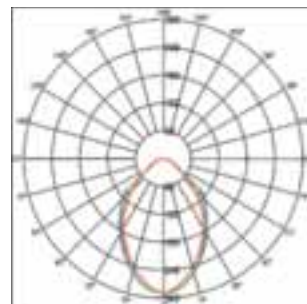
Ref.: 745 01C



Ref.: 771 01 70

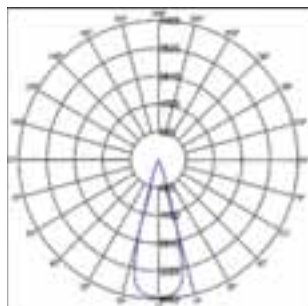


Ref.: 771 01 15

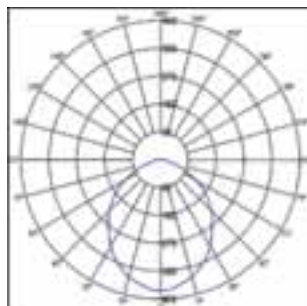


Ref.: 781 01 70

REFLECTIVE

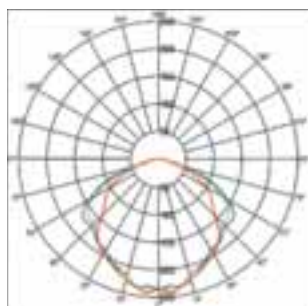


R-63 Ref.: 331 332
333 342
343 351

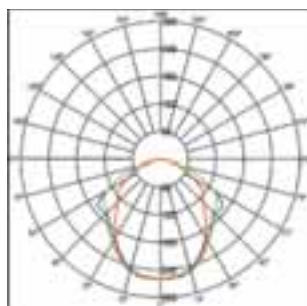


R-80 Ref.: 304

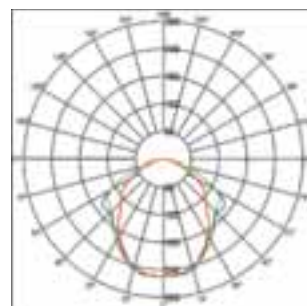
LOW CONSUMPTION



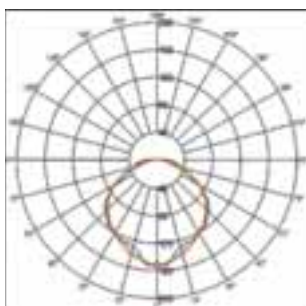
Ref.: 013 01 32 84



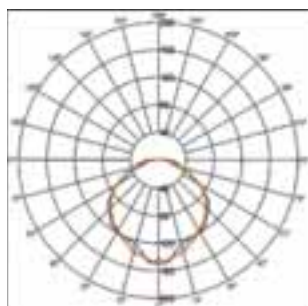
Ref.: 013 01 42 84



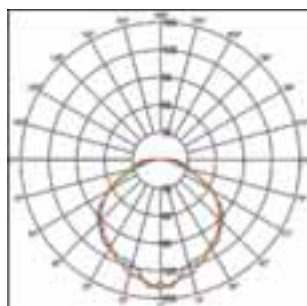
Ref.: 013 01 57 84



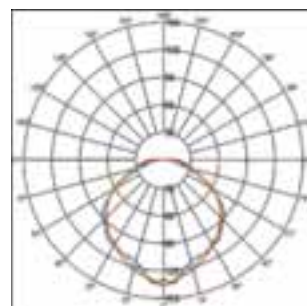
Ref.: 014 01 13 84



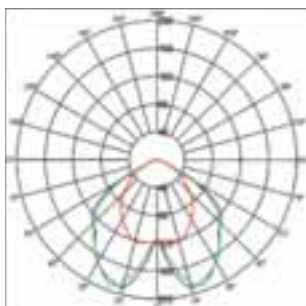
Ref.: 014 01 18 84



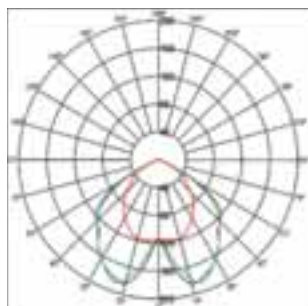
Ref.: 015 01 13 84



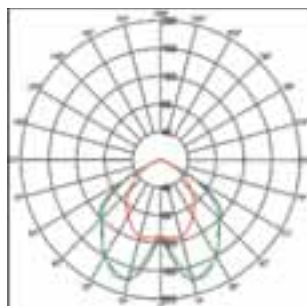
Ref.: 015 01 18 84



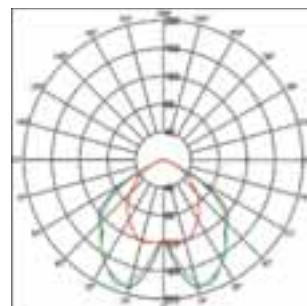
Ref.: 016 01 13 84



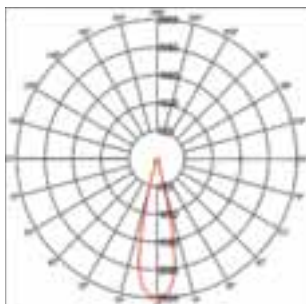
Ref.: 016 01 18 84



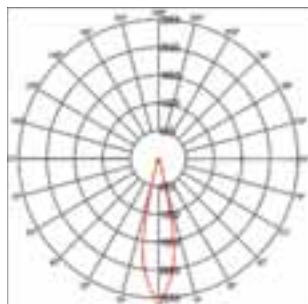
Ref.: 016 01 26 84



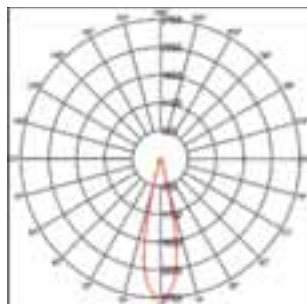
Ref.: 017 01 13 84



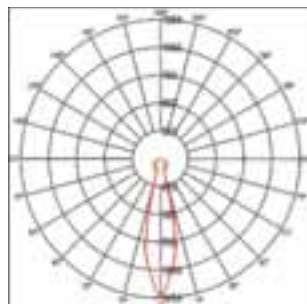
Ref.: 047 18 50CP 048 18 50CP



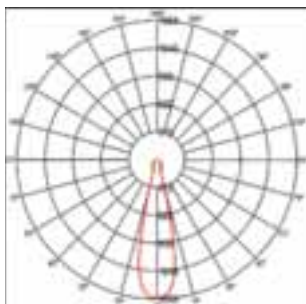
Ref.: 047 18 75CP 048 18 75CP



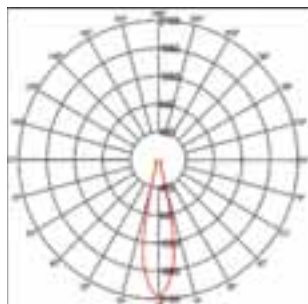
Ref.: 049 13 10CP 050 13 10CP



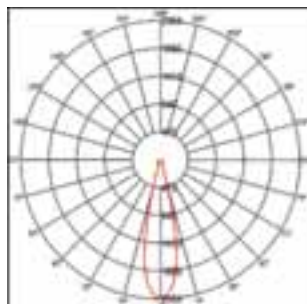
Ref.: 049 13 35CP 050 13 35CP



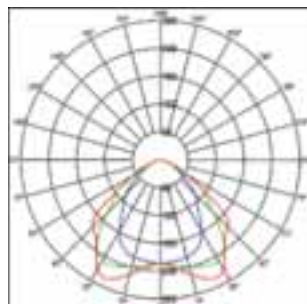
Ref.: 049 13 50CP 050 13 50CP



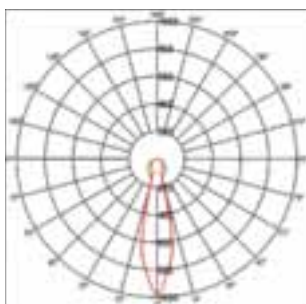
Ref.: 049 13 75CP 050 13 75CP



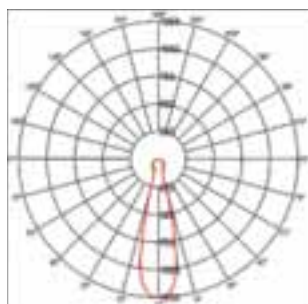
Ref.: 049 18 10CP 050 18 10CP



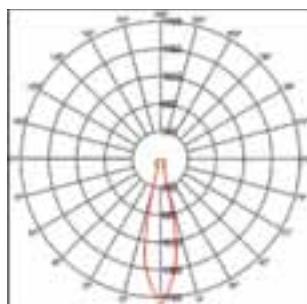
Ref.: 019 F 01 70 84



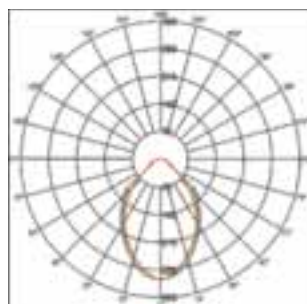
Ref.: 049 18 35CP 050 18 35CP



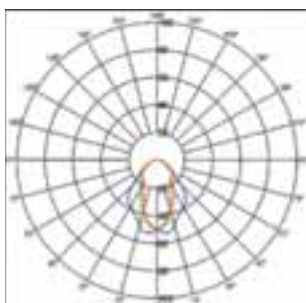
Ref.: 049 18 50CP 050 18 50CP



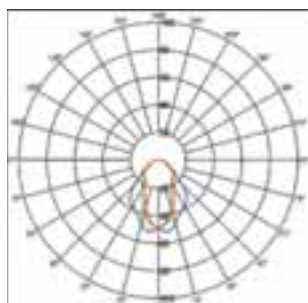
Ref.: 049 18 75CP 050 18 75CP



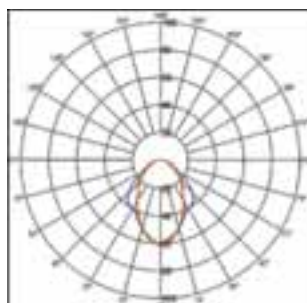
Ref.: 727 C 01



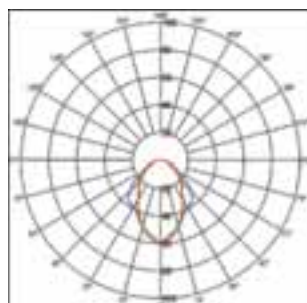
Ref.: 073 00 13 84



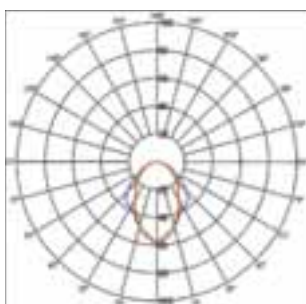
Ref.: 073 00 18 84



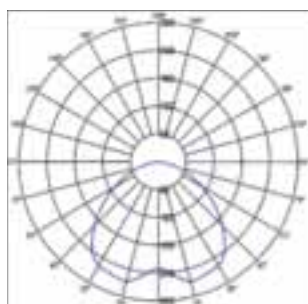
Ref.: 074 00 13 84



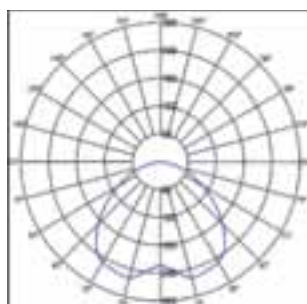
Ref.: 074 00 18 84



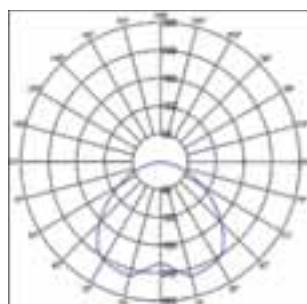
Ref.: 074 00 26 84



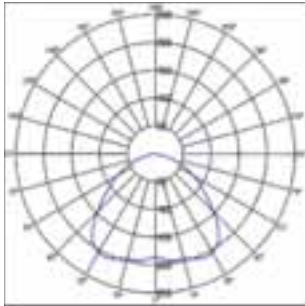
Ref.: 402 01 09 84



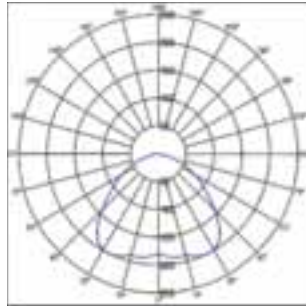
Ref.: 402 01 13 84



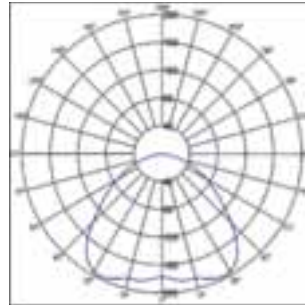
Ref.: 402 01 18 84



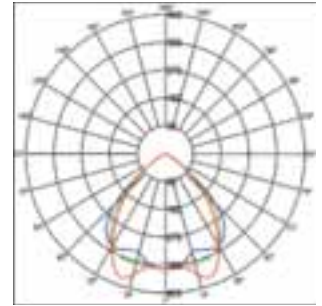
Ref.: 403 01 09 84



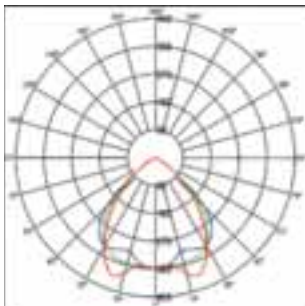
Ref.: 403 01 13 84



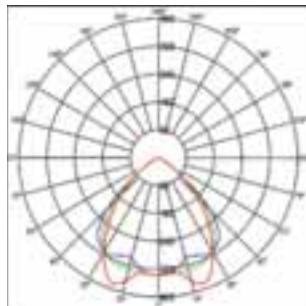
Ref.: 403 01 18 84



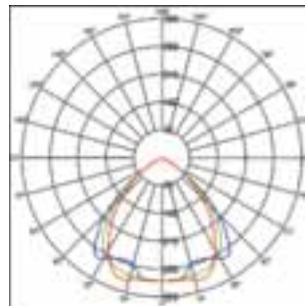
Ref.: 404 01 13 84



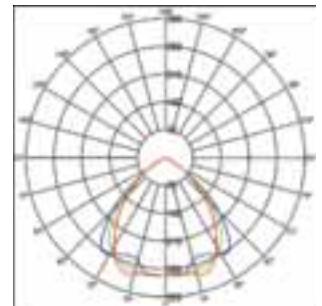
Ref.: 404 01 18 84



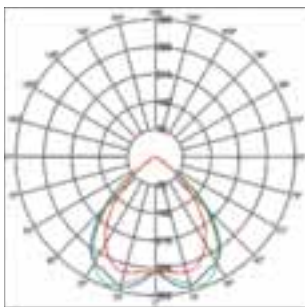
Ref.: 404 01 26 84



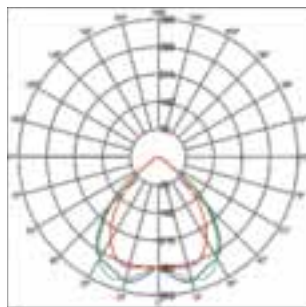
Ref.: 404 01 32 84



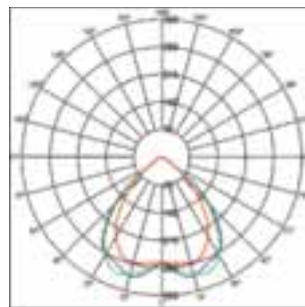
Ref.: 404 01 42 84



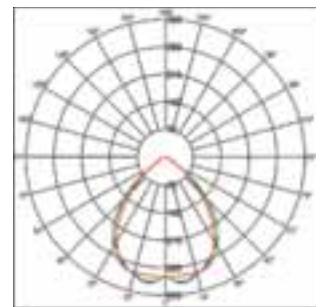
Ref.: 405 01 13 84



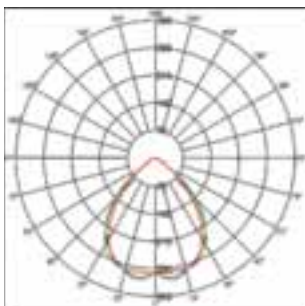
Ref.: 405 01 18 84



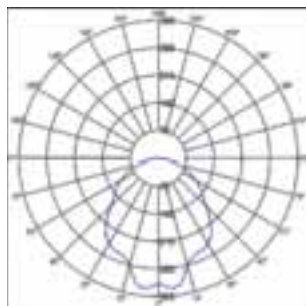
Ref.: 405 01 26 84



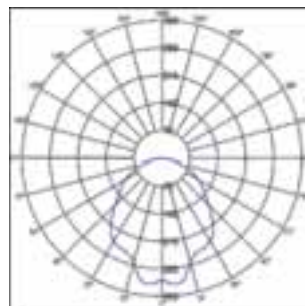
Ref.: 405 01 32 84



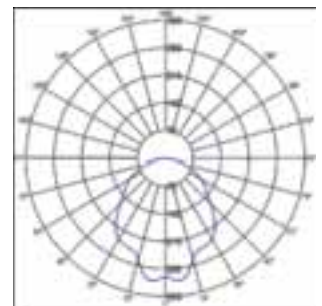
Ref.: 405 01 42 84



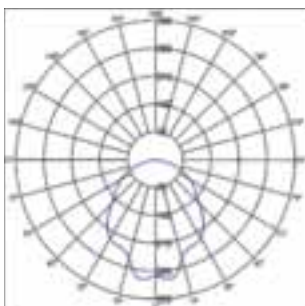
Ref.: 417 01 09 84



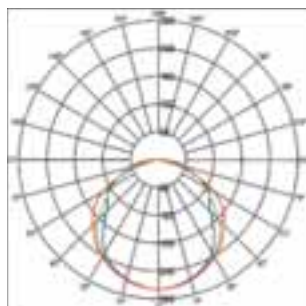
Ref.: 418 01 13 84



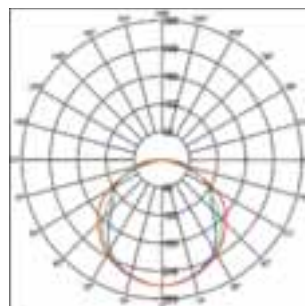
Ref.: 419 01 18 84



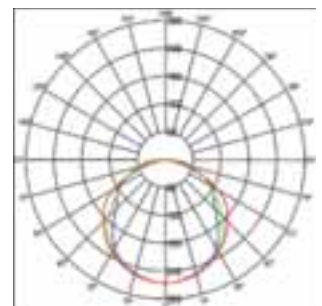
Ref.: 420 01 26 84



Ref.: 421 01 09 84

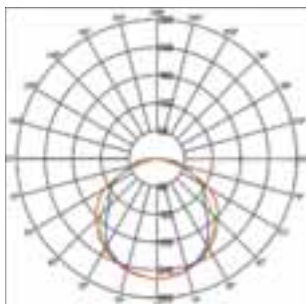


Ref.: 422 01 13 84

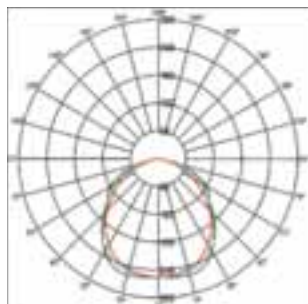


Ref.: 423 01 18 84

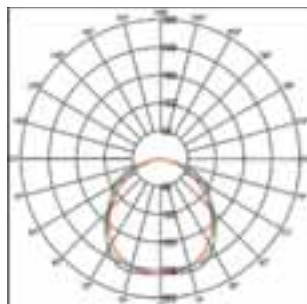




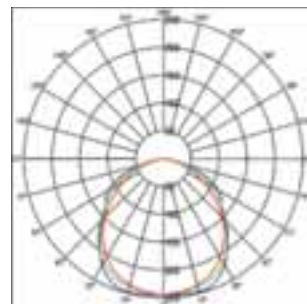
Ref.: 424 01 26 84



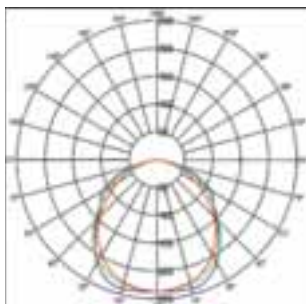
Ref.: 425 01 09 84



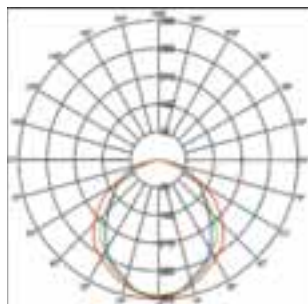
Ref.: 426 01 13 84



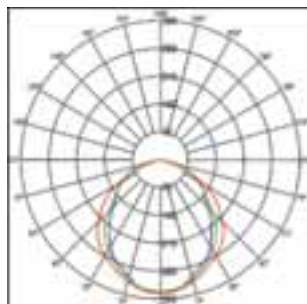
Ref.: 427 01 18 84



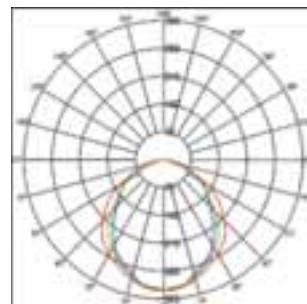
Ref.: 428 01 26 84



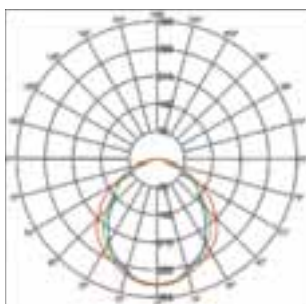
Ref.: 431 01 84



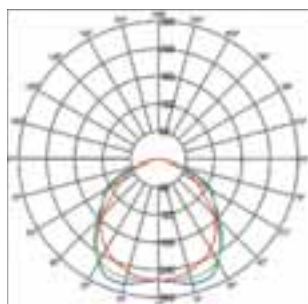
Ref.: 432 01 84



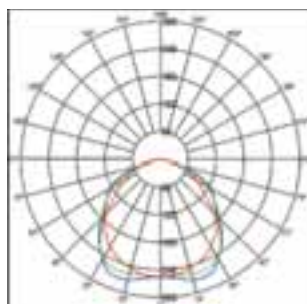
Ref.: 433 01 84



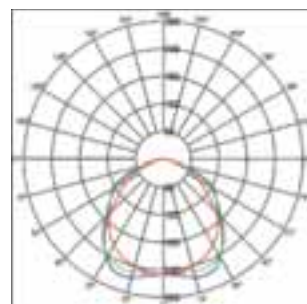
Ref.: 434 01 84



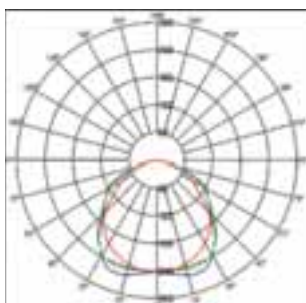
Ref.: 435 01 84



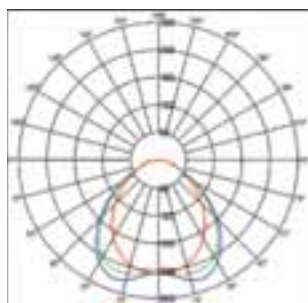
Ref.: 436 01 84



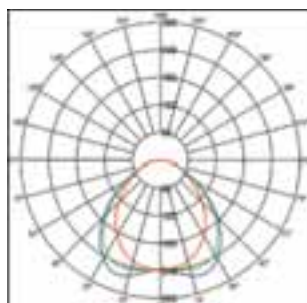
Ref.: 437 01 84



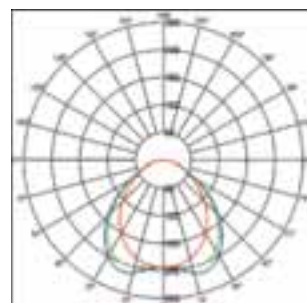
Ref.: 438 01 84



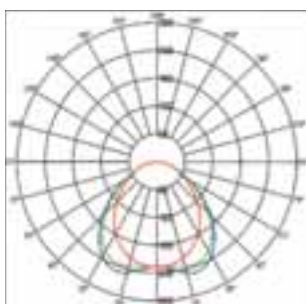
Ref.: 440 01 09 84



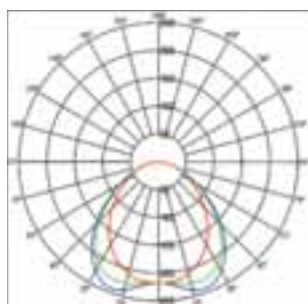
Ref.: 440 01 13 84



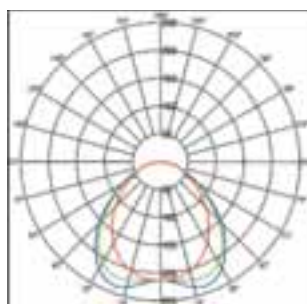
Ref.: 440 01 18 84



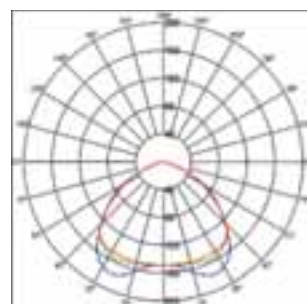
Ref.: 440 01 26 84



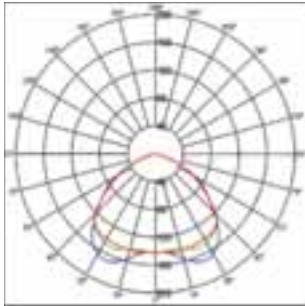
Ref.: 440 01 32 84



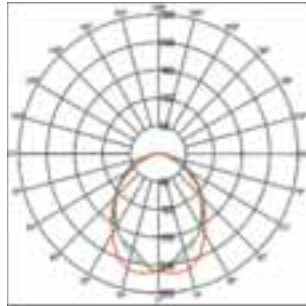
Ref.: 440 01 42 84



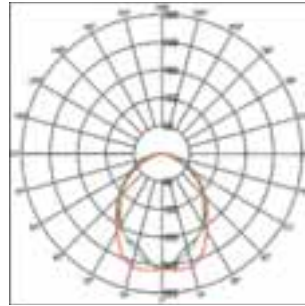
Ref.: 441 01 18 84



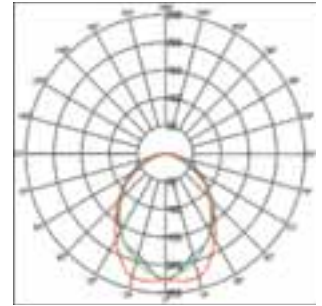
Ref.: 442 01 26 84



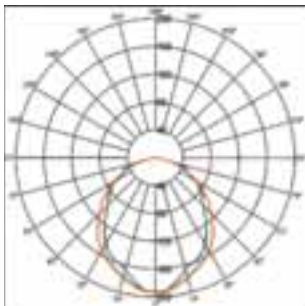
Ref.: 443 01 09 84



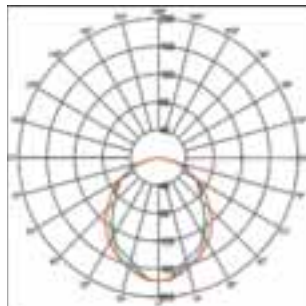
Ref.: 443 01 13 84



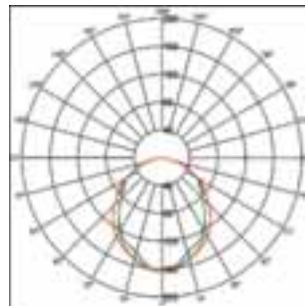
Ref.: 443 01 18 84



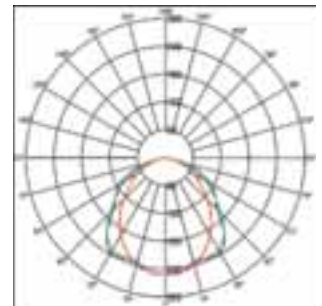
Ref.: 443 01 26 84



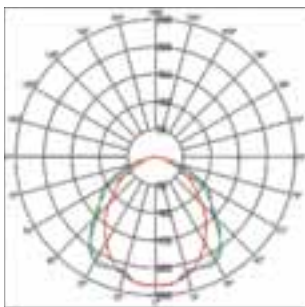
Ref.: 443 01 32 84



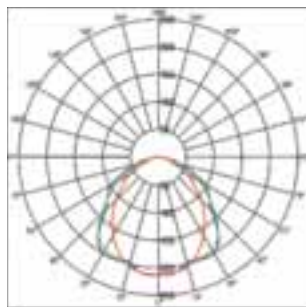
Ref.: 443 01 42 84



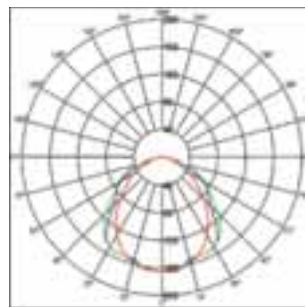
Ref.: 444 01 09 84



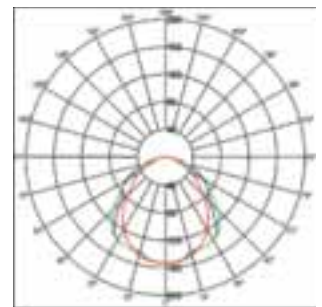
Ref.: 444 01 13 84



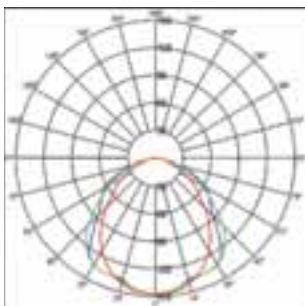
Ref.: 444 01 18 84



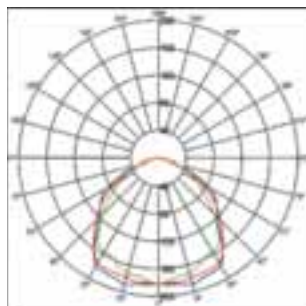
Ref.: 444 01 26 84



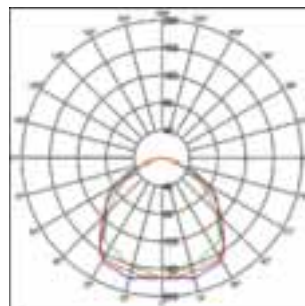
Ref.: 444 01 32 84



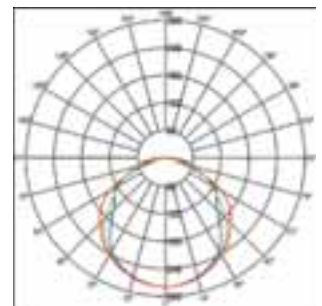
Ref.: 444 01 42 84



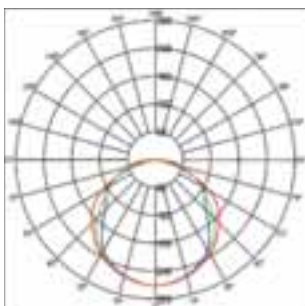
Ref.: 445 01 18 84



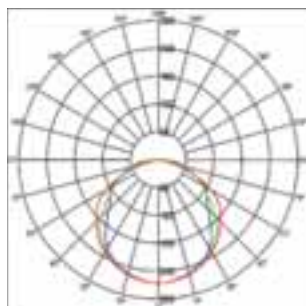
Ref.: 446 01 26 84



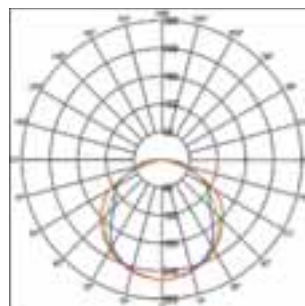
Ref.: 455 01 09 84



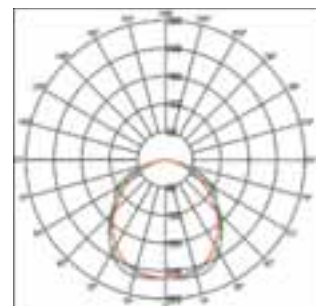
Ref.: 455 01 13 84



Ref.: 455 01 18 84

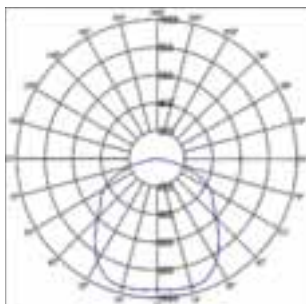


Ref.: 455 01 26 84

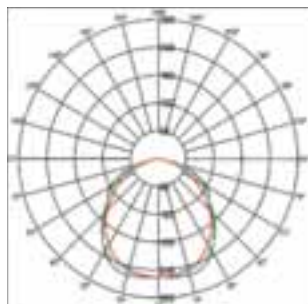


Ref.: 455 01 32 84

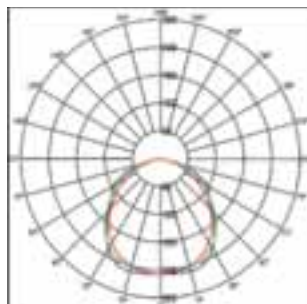




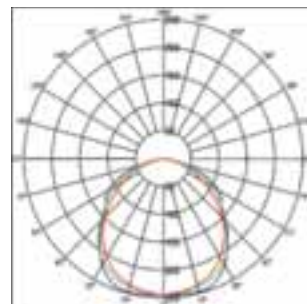
Ref.: 455 01 42 84



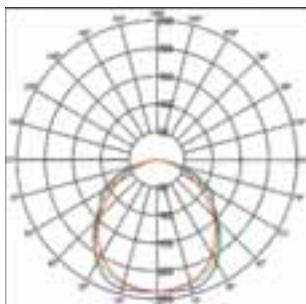
Ref.: 456 01 09 84



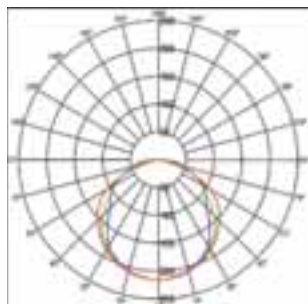
Ref.: 456 01 13 84



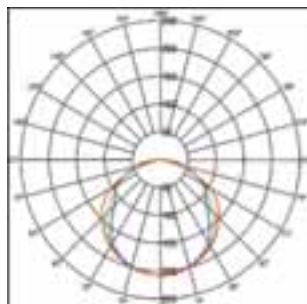
Ref.: 456 01 18 84



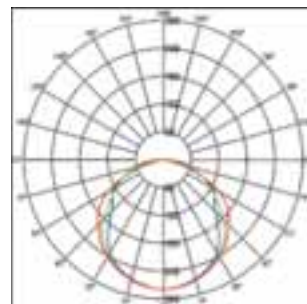
Ref.: 456 01 26 84



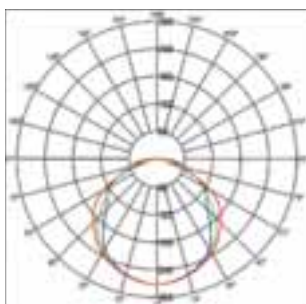
Ref.: 456 01 32 84



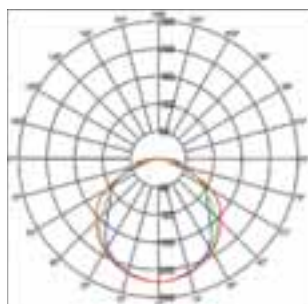
Ref.: 456 01 42 84



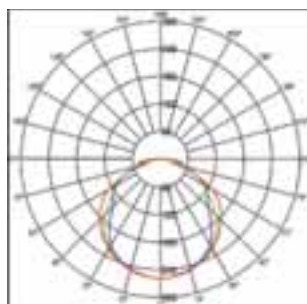
Ref.: 458 06 09 84



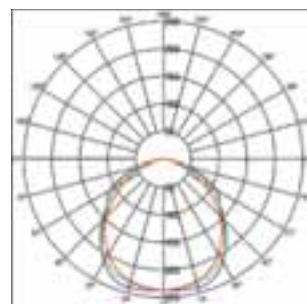
Ref.: 458 06 13 84



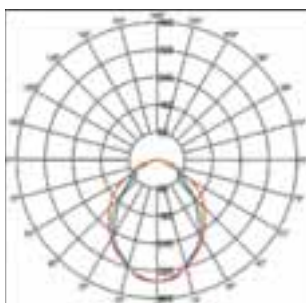
Ref.: 458 06 18 84



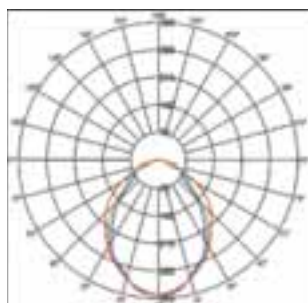
Ref.: 458 06 26 84



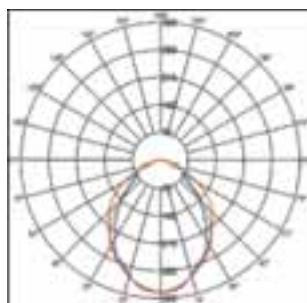
Ref.: 459 06 09 84



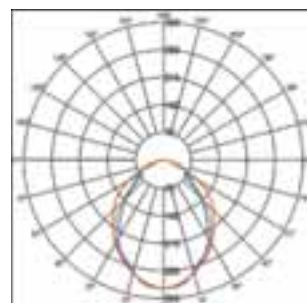
Ref.: 461 06 09 84



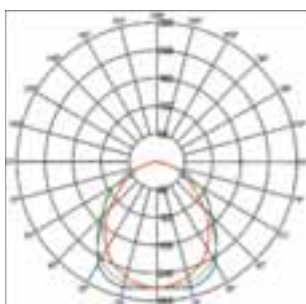
Ref.: 462 06 13 84



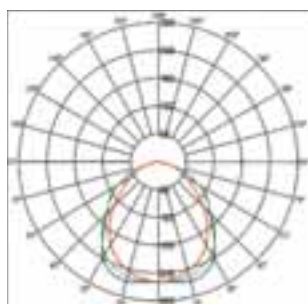
Ref.: 463 06 18 84



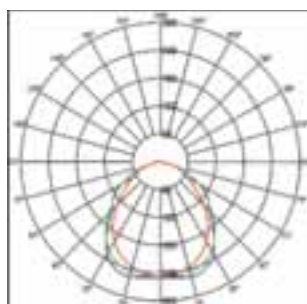
Ref.: 464 06 26 84



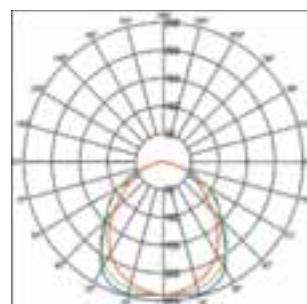
Ref.: 465 06 09 84



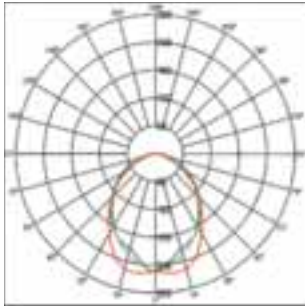
Ref.: 466 06 13 84



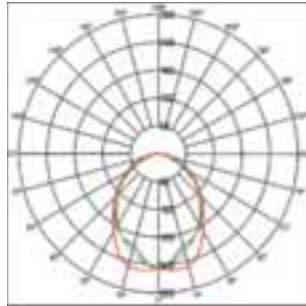
Ref.: 467 06 18 84



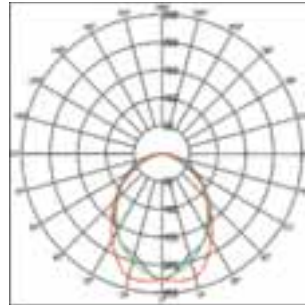
Ref.: 468 06 26 84



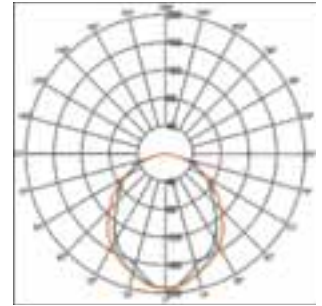
Ref.: 469 01 09 84



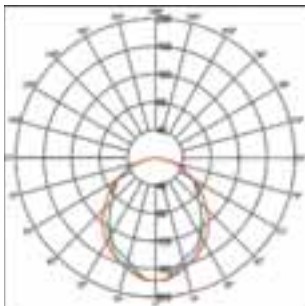
Ref.: 469 01 13 84



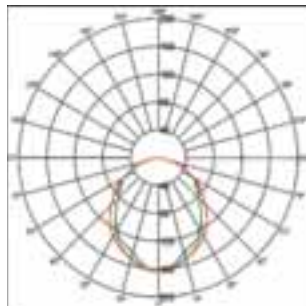
Ref.: 469 01 18 84



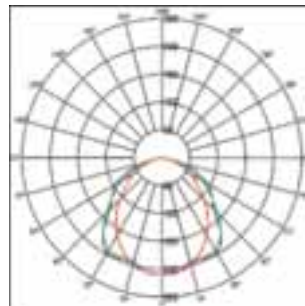
Ref.: 469 01 26 84



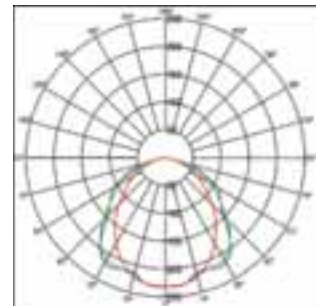
Ref.: 469 01 32 84



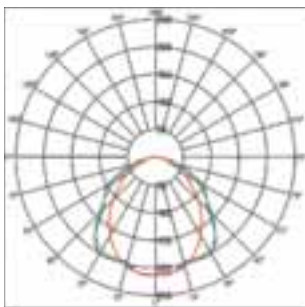
Ref.: 469 01 42 84



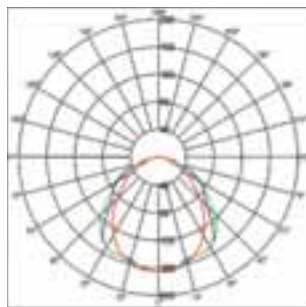
Ref.: 470 01 09 84



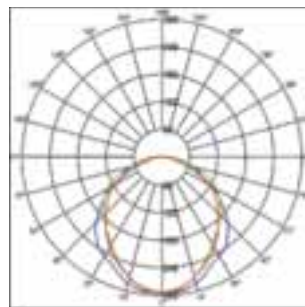
Ref.: 470 01 13 84



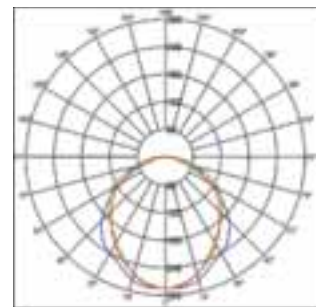
Ref.: 470 01 18 84



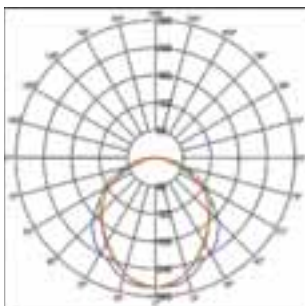
Ref.: 470 01 26 84



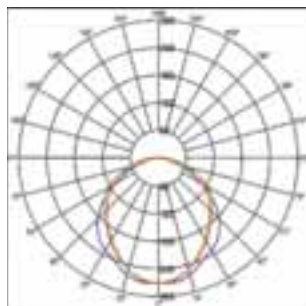
Ref.: 471 01 09 84



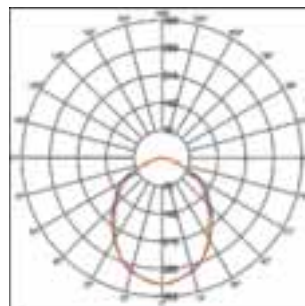
Ref.: 472 01 13 84



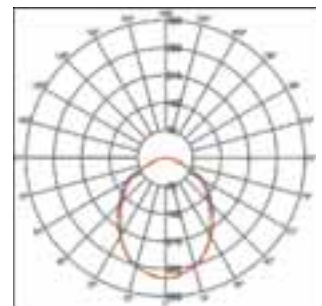
Ref.: 473 01 18 84



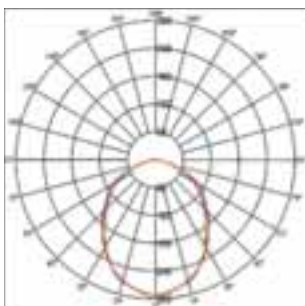
Ref.: 474 01 26 84



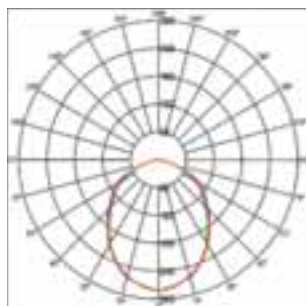
Ref.: 475 01 09 84



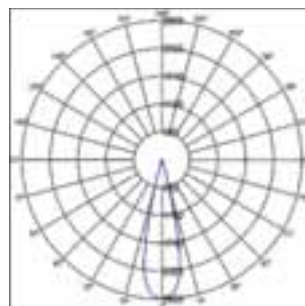
Ref.: 476 01 13 84



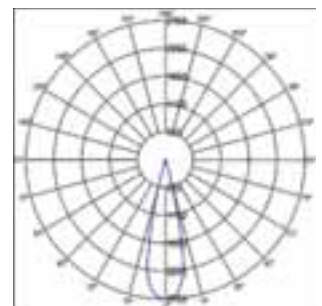
Ref.: 477 01 18 84



Ref.: 478 01 26 84

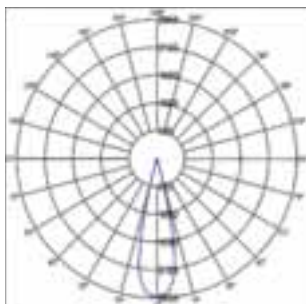


Ref.: 479 01 13 84

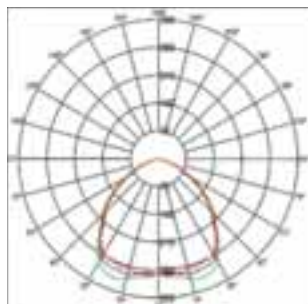


Ref.: 480 01 18 84

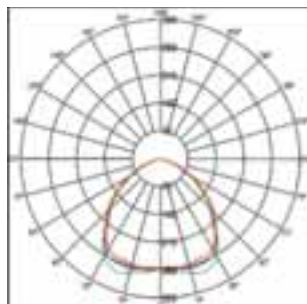




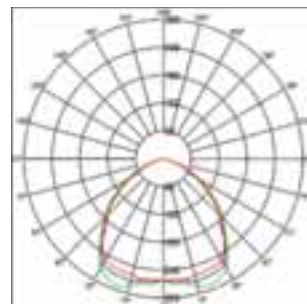
Ref.: 481 01 26 84



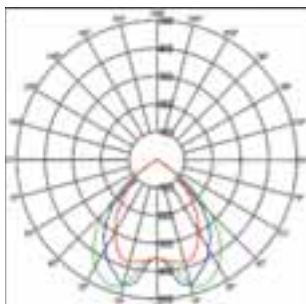
Ref.: 482 01 13 84



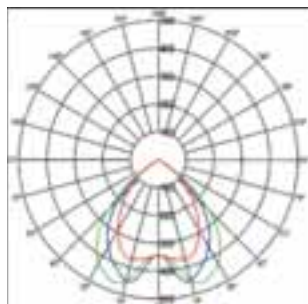
Ref.: 483 01 18 84



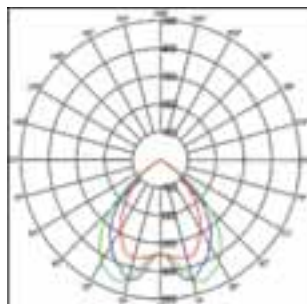
Ref.: 484 01 26 84



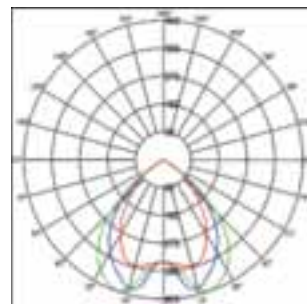
Ref.: 485 01 84



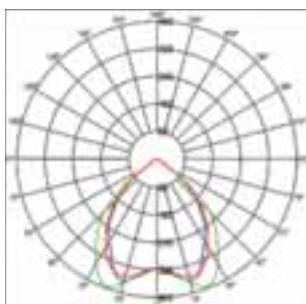
Ref.: 486 01 84



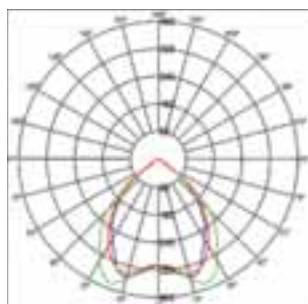
Ref.: 487 01 84



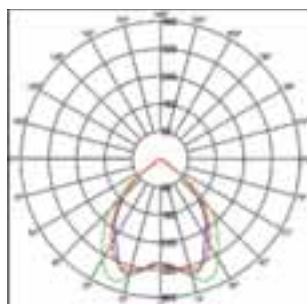
Ref.: 488 01 84



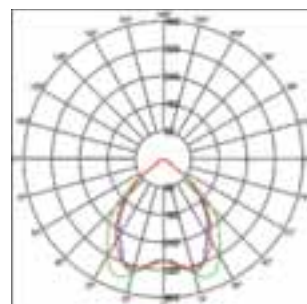
Ref.: 489 01 84



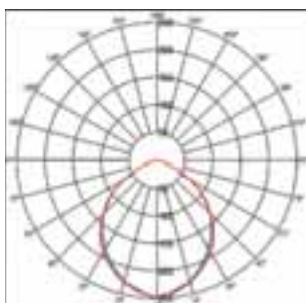
Ref.: 490 01 84



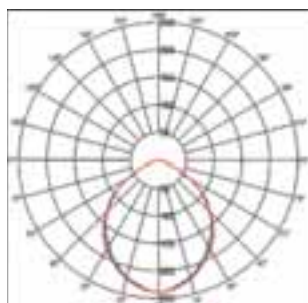
Ref.: 491 01 84



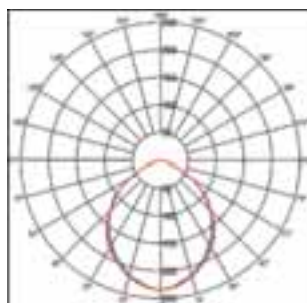
Ref.: 492 01 84



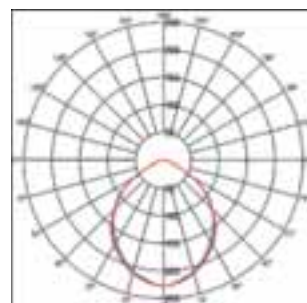
Ref.: 494 01 09 84



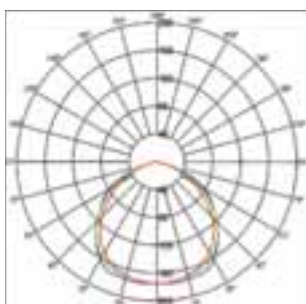
Ref.: 494 01 13 84



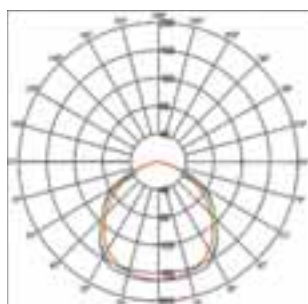
Ref.: 494 01 18 84



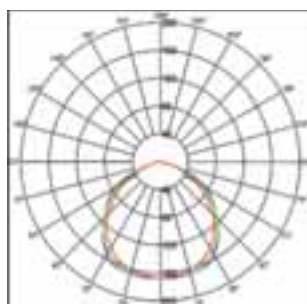
Ref.: 494 01 26 84



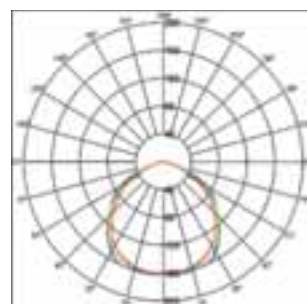
Ref.: 495 01 09 84



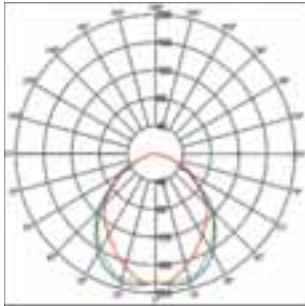
Ref.: 495 01 13 84



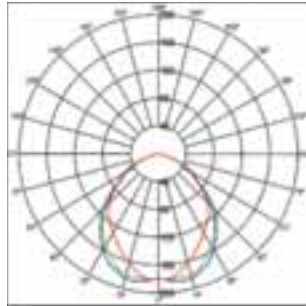
Ref.: 495 01 18 84



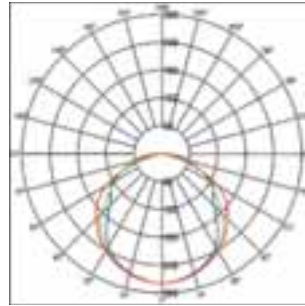
Ref.: 495 01 26 84



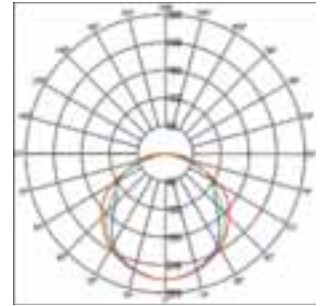
Ref.: 497 01 13 84



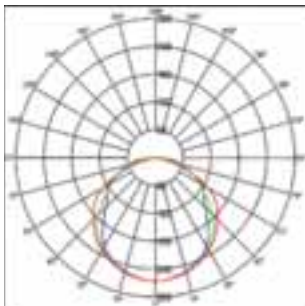
Ref.: 497 01 18 84



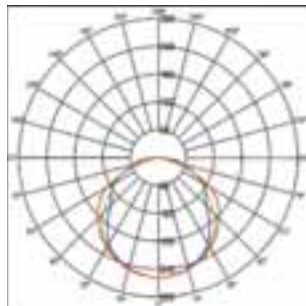
Ref.: 498 91 09 84



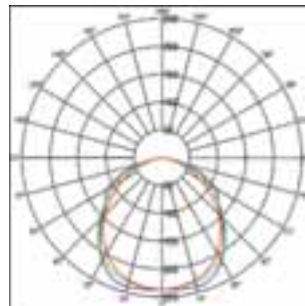
Ref.: 498 91 13 84



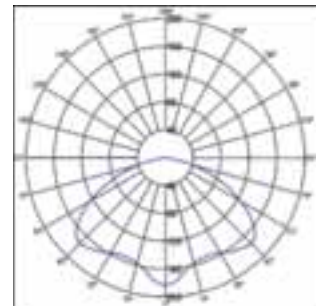
Ref.: 498 91 18 84



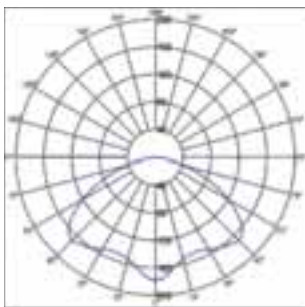
Ref.: 498 91 26 84



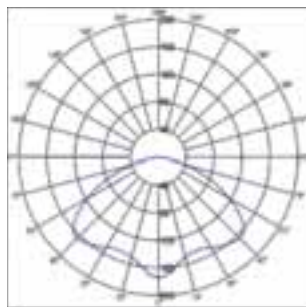
Ref.: 499 91 09 84



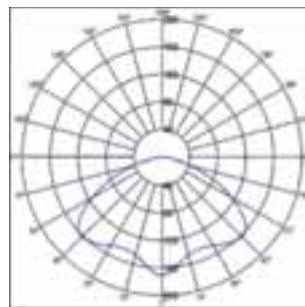
Ref.: 850 01 18



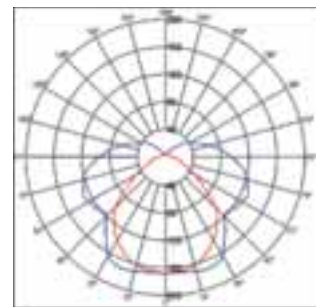
Ref.: 850 01 26



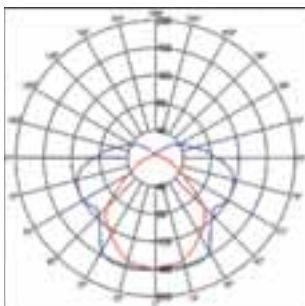
Ref.: 850 01 32



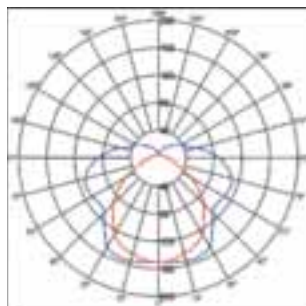
Ref.: 850 01 42



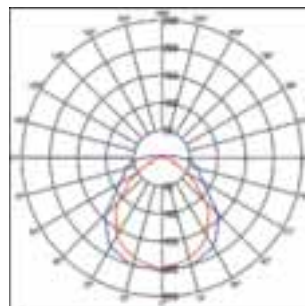
Ref.: 907 118 BE



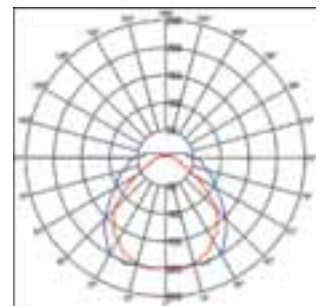
Ref.: 907 136 BE



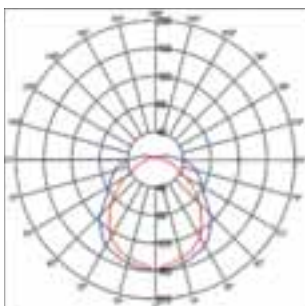
Ref.: 907 158 BE



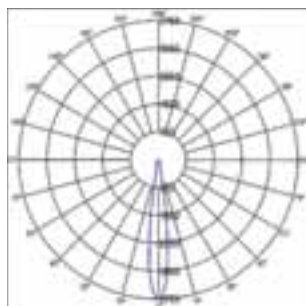
Ref.: 907 218 BE



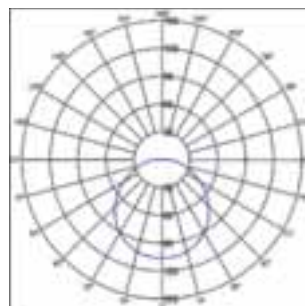
Ref.: 907 236 BE



Ref.: 907 258 BE

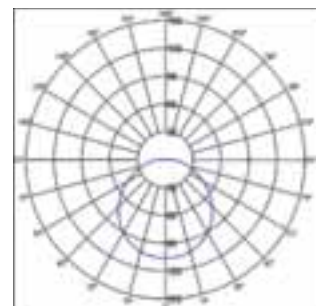


Ref.: 954 58 84



Ref.: 990 01

991 01



Ref.: 992 01

993 01



Ref	€	Pag	Ref	€	Pag	Ref	€	Pag	Ref	€	Pag
001 B 01 09	195,56	17	001 S 02 10	407,01	17	002 QC 52 50	102,79	255	005 C 01 18	119,00	188
001 B 01 12	202,00	16	001 S 02 50	407,01	17	002 QC 52 60	125,04	255	005 C 01 26	119,95	188
001 B 02 09	198,72	17	001 S 52 10	407,01	17	002 QC 52 75	120,71	255	005 C 01 32	142,10	188
001 B 02 12	208,88	16	001 S 52 50	407,01	17	002 QC 90 10	120,71	255	005 C 01 42	142,18	188
001 B 52 09	198,72	17	001 S 90 10	407,01	17	002 QC 90 35	102,79	255	005 C 02 13	124,23	188
001 B 52 12	208,88	16	001 S 90 50	407,01	17	002 QC 90 50	102,79	255	005 C 02 14	178,53	187
001 B 90 09	198,72	17	001 T 01 35	278,18	16	002 QC 90 60	120,71	255	005 C 02 18	124,25	188
001 B 90 12	208,88	16	001 T 01 70	278,20	16	002 QC 90 75	120,71	255	005 C 02 26	124,27	188
001 D 01 50	89,71	14	001 T 02 35	289,52	16	002 RC 01 35	317,94	256	005 C 02 32	145,60	188
001 D 02 50	95,39	14	001 T 02 70	289,54	16	002 RC 01 70	317,94	256	005 C 02 42	145,60	188
001 D 52 50	95,39	14	001 T 52 35	289,52	16	002 RC 02 35	317,94	256	005 C 52 13	124,23	188
001 D 90 50	95,39	14	001 T 52 70	289,54	16	002 RC 02 70	317,94	256	005 C 52 14	178,53	187
001 G 01 15	367,14	17	001 T 90 35	289,52	16	002 RC 52 35	317,94	256	005 C 52 18	124,25	188
001 G 01 35	290,28	17	001 T 90 70	289,54	16	002 RC 52 70	317,94	256	005 C 52 26	124,27	188
001 G 02 15	367,17	17	001 Y 02	204,50	15	002 RC 90 35	317,94	256	005 C 52 32	145,60	188
001 G 02 35	289,66	17	001 Y 52	204,50	15	002 RC 90 70	317,94	256	005 C 52 42	145,60	188
001 G 52 15	367,17	17	001 Y 90	204,50	15	002 SC 01 10	409,20	257	005 C 90 13	124,23	188
001 G 52 35	289,66	17	001 y	198,19	15	002 SC 01 50	409,20	257	005 C 90 14	178,53	187
001 G 90 15	367,17	17	002 B 01	197,60	256	002 SC 02 10	411,24	257	005 C 90 18	124,25	188
001 G 90 35	289,66	17	002 B 01 09	217,27	257	002 SC 02 50	411,24	257	005 C 90 26	124,27	188
001 H 01 10	122,11	17	002 B 02	199,71	256	002 SC 52 10	411,24	257	005 C 90 32	145,60	188
001 H 01 75	122,11	17	002 B 02 09	220,26	257	002 SC 52 50	411,24	257	005 C 90 42	145,60	188
001 H 02 10	125,28	17	002 B 52	199,71	256	002 SC 90 10	411,24	257	006 C 01 13	125,18	188
001 H 02 75	125,28	17	002 B 52 09	220,26	257	002 SC 90 50	411,24	257	006 C 01 14	209,70	187
001 H 52 10	125,28	17	002 B 90	199,71	256	002 TC 01 35	289,99	256	006 C 01 18	125,18	188
001 H 52 75	125,28	17	002 B 90 09	220,26	257	002 TC 01 70	289,99	256	006 C 01 26	125,20	188
001 H 90 10	125,28	17	002 D 02 50	108,96	254	002 TC 02 35	291,02	256	006 C 01 32	152,81	188
001 H 90 75	125,28	17	002 D 52 50	108,96	254	002 TC 02 70	291,02	256	006 C 01 42	152,83	188
001 L 01 02	95,17	14	002 D 90 50	108,96	254	002 TC 52 35	291,02	256	006 C 02 13	129,49	188
001 L 01 03	141,11	14	002 D	101,14	254	002 TC 52 70	291,02	256	006 C 02 14	234,05	187
001 L 01 04	121,56	14	002 GC 01 15	289,29	257	002 TC 90 35	291,02	256	006 C 02 18	129,51	188
001 L 01 05	124,31	15	002 GC 01 35	289,29	257	002 TC 90 70	291,02	256	006 C 02 26	129,53	188
001 L 01 07	103,05	15	002 GC 01 70	289,29	257	002 Y 01	209,65	254	006 C 02 32	156,58	188
001 L 02 02	101,45	14	002 GC 02 15	291,77	257	002 Y 02	209,65	254	006 C 02 42	156,58	188
001 L 02 03	147,29	14	002 GC 02 35	291,77	257	002 Y 52	209,65	254	006 C 52 13	129,49	188
001 L 02 04	135,34	14	002 GC 02 70	291,77	257	002 Y 90	209,65	254	006 C 52 14	234,05	187
001 L 02 05	140,99	15	002 GC 52 15	291,77	257	003 C 01 13	89,68	184	006 C 52 18	129,51	188
001 L 02 07	159,34	15	002 GC 52 35	291,77	257	003 C 01 18	89,68	184	006 C 52 26	129,53	188
001 L 52 02	101,45	14	002 GC 52 70	291,77	257	003 C 01 26	89,68	184	006 C 52 32	156,58	188
001 L 52 03	147,29	14	002 GC 90 15	291,77	257	003 C 01 32	129,49	188	006 C 52 42	156,58	188
001 L 52 04	135,34	14	002 GC 90 35	291,77	257	003 C 01 42	129,49	188	006 C 90 14	234,05	187
001 L 52 05	140,99	15	002 GC 90 70	291,77	257	003 C 02 13	94,28	184	006 C 90 18	129,51	188
001 L 52 07	159,34	15	002 HC 01 10	135,12	257	003 C 02 18	94,28	184	006 C 90 26	129,53	188
001 L 90 02	101,45	14	002 HC 01 75	135,12	257	003 C 02 26	94,28	184	006 C 90 32	156,58	188
001 L 90 03	147,29	14	002 HC 02 10	135,12	257	003 C 02 32	129,49	188	006 C 90 42	156,58	188
001 L 90 04	135,34	14	002 HC 02 75	135,12	257	003 C 02 42	129,49	188	007 C 01 13	93,52	188
001 L 90 05	140,99	15	002 HC 52 10	135,12	257	003 C 52 13	94,28	184	007 C 01 18	93,54	188
001 L 90 07	159,34	15	002 HC 52 75	135,12	257	003 C 52 18	94,28	184	007 C 01 26	93,56	188
001 Q 01 10	111,19	15	002 HC 90 10	135,12	257	003 C 52 26	94,28	184	007 C 01 32	129,06	188
001 Q 01 35	104,60	15	002 HC 90 75	135,09	257	003 C 52 32	129,49	188	007 C 01 42	129,07	188
001 Q 01 50	104,60	15	002 L 01 02	103,60	254	003 C 52 42	129,49	188	007 C 02 13	93,51	188
001 Q 01 60	114,22	15	002 L 01 03	151,30	254	003 C 90 13	94,28	184	007 C 02 18	93,53	188
001 Q 01 75	111,19	15	002 L 01 04	140,49	254	003 C 90 18	94,28	184	007 C 02 26	93,55	188
001 Q 02 10	114,53	15	002 L 01 05	145,74	254	003 C 90 26	94,28	184	007 C 02 32	131,55	188
001 Q 02 35	107,74	15	002 L 02 02	114,41	254	003 C 90 32	129,49	188	007 C 02 42	131,57	188
001 Q 02 50	107,74	15	002 L 02 03	100,26	254	003 C 90 42	129,49	188	007 C 52 13	93,51	188
001 Q 02 60	117,65	15	002 L 02 04	148,29	254	004 C 01 13	95,15	184	007 C 52 18	93,53	188
001 Q 02 75	114,53	15	002 L 02 05	153,55	254	004 C 01 18	95,15	184	007 C 52 26	93,55	188
001 Q 52 10	114,53	15	002 L 52 02	114,41	254	004 C 01 26	95,17	184	007 C 52 32	131,55	188
001 Q 52 35	107,74	15	002 L 52 03	100,26	254	004 C 01 32	135,52	184	007 C 52 42	131,57	188
001 Q 52 50	107,74	15	002 L 52 04	148,29	254	004 C 01 42	135,52	184	007 C 90 13	93,51	188
001 Q 52 60	117,65	15	002 L 52 05	153,55	254	004 C 02 13	100,75	184	007 C 90 18	93,53	188
001 Q 52 75	114,53	15	002 L 90 02	114,41	254	004 C 02 18	100,77	184	007 C 90 26	93,55	188
001 Q 90 10	114,53	15	002 L 90 03	100,26	254	004 C 02 26	100,79	184	007 C 90 32	131,56	188
001 Q 90 35	107,74	15	002 L 90 04	148,29	254	004 C 02 32	139,29	184	007 C 90 42	131,57	188
001 Q 90 50	107,74	15	002 L 90 05	153,55	254	004 C 02 42	139,31	184	008 C 01 13	93,74	188
001 Q 90 60	117,65	15	002 QC 01 10	117,58	255	004 C 52 13	100,75	184	008 C 01 18	93,76	188
001 Q 90 75	114,53	15	002 QC 01 35	97,80	255	004 C 52 18	100,77	184	008 C 01 26	93,77	188
001 R 01 35	301,89	16	002 QC 01 50	97,80	255	004 C 52 26	100,79	184	008 C 01 32	138,18	188
001 R 01 70	301,91	16	002 QC 01 60	121,74	255	004 C 52 32	139,29	184	008 C 01 42	138,20	188
001 R 02 35	310,94	16	002 QC 01 75	117,58	255	004 C 52 42	139,31	184	008 C 02 13	105,00	188
001 R 02 70	310,96	16	002 QC 02 10	120,71	255	004 C 90 13	100,75	184	008 C 02 18	129,08	188
001 R 52 35	310,94	16	002 QC 02 35	102,79	255	004 C 90 18	100,77	184	008 C 02 26	129,10	188
001 R 52 70	310,96	16	002 QC 02 50	102,79	255	004 C 90 26	100,79	184	008 C 02 32	141,76	188
001 R 90 35	310,94	16	002 QC 02 60	125,04	255	004 C 90 32	139,29	184	008 C 02 42	141,81	188
001 R 90 70	310,96	16	002 QC 02 75	120,71	255	004 C 90 42	139,31	184	008 C 52 13	129,08	188
001 S 01 10	385,16	17	002 QC 52 10	120,71	255	005 C 01 13	119,91	186	008 C 52 18	129,08	188
001 S 01 50	385,16	17	002 QC 52 35	102,79	255	005 C 01 14	172,21	187	008 C 52 26	129,10	188

Ref	€	Pag	Ref	€	Pag	Ref	€	Pag	Ref	€	Pag
008 C 52 32	141,76	188	014 03 26 84	49,58	198	018 05 42 84	120,81	218	020 L 02 03 05	383,87	24
008 C 52 42	141,81	188	014 05 13 84	49,58	198	018 52 13 84	78,91	218	020 L 02 04 02	378,66	25
008 C 90 13	126,00	188	014 05 18 84	49,57	198	018 52 14 84	119,88	218	020 L 02 04 03	367,94	26
008 C 90 18	126,08	188	014 05 26 84	49,58	198	018 52 17 84	119,88	218	020 L 02 04 04	334,65	26
008 C 90 26	126,10	188	014 52 13 84	49,58	198	018 52 18 84	78,93	218	020 L 02 04 05	539,90	26
008 C 90 32	141,76	188	014 52 18 84	49,57	198	018 52 26 84	78,95	218	020 L 52 01 02	148,79	22
008 C 90 42	141,81	188	014 52 20 84	49,58	198	018 52 32 84	120,81	218	020 L 52 01 03	196,10	22
009 C 01 13	114,33	190	014 90 13 84	49,58	198	018 52 42 84	120,81	218	020 L 52 01 04	187,96	22
009 C 01 14	106,00	191	014 90 18 84	49,57	198	018 90 13 84	78,91	218	020 L 52 01 05	193,20	22
009 C 01 18	113,32	190	014 90 26 84	49,58	198	018 90 14 84	119,88	218	020 L 52 02 02	200,64	23
009 C 01 26	114,37	190	015 01 13 84	50,88	198	018 90 17 84	119,88	218	020 L 52 02 03	301,29	23
009 C 01 32	148,85	190	015 01 18 84	50,89	198	018 90 18 84	78,93	218	020 L 52 02 04	281,89	23
009 C 01 42	148,85	190	015 01 21 86	207,14	188	018 90 26 84	78,95	218	020 L 52 02 05	287,26	23
009 C 02 13	118,67	190	015 01 26 84	50,90	198	018 90 32 84	120,81	218	020 L 52 03 02	262,92	24
009 C 02 14	170,90	191	015 03 13 84	57,00	198	018 90 42 84	120,81	218	020 L 52 03 03	404,87	24
009 C 02 18	118,69	190	015 03 18 84	57,07	198	019 01 13 84	78,26	218	020 L 52 03 04	378,61	24
009 C 02 26	118,71	190	015 03 21 86	207,13	188	019 01 14 84	119,88	218	020 L 52 03 05	383,87	24
009 C 02 32	152,35	190	015 03 26 84	57,06	198	019 01 17 84	119,88	218	020 L 52 04 02	378,66	25
009 C 52 13	118,67	190	015 05 13 84	57,00	198	019 01 18 84	78,28	218	020 L 52 04 03	367,94	25
009 C 52 14	170,90	191	015 05 18 84	57,07	198	019 01 26 84	78,40	218	020 L 52 04 04	534,65	25
009 C 52 18	118,69	190	015 05 21 86	207,13	188	019 01 32 84	121,81	218	020 L 52 04 05	539,90	25
009 C 52 26	118,71	190	015 05 26 84	57,06	198	019 01 33 86	257,29	173	020 L 90 01 02	148,79	22
009 C 52 32	152,35	190	015 52 13 84	57,00	198	019 01 42 84	121,81	218	020 L 90 01 03	196,10	22
009 C 52 42	152,35	190	015 52 18 84	57,07	198	019 02 33 86	264,21	173	020 L 90 01 04	187,96	22
009 C 90 13	118,67	190	015 52 21 86	208,88	188	019 05 13 84	83,38	218	020 L 90 01 05	193,20	22
009 C 90 14	170,90	191	015 52 26 84	57,06	198	019 05 14 84	128,58	218	020 L 90 02 02	200,64	23
009 C 90 18	118,69	190	015 90 13 84	57,00	198	019 05 17 84	128,58	218	020 L 90 02 03	301,29	23
009 C 90 26	118,71	190	015 90 18 84	57,07	198	019 05 18 84	83,40	218	020 L 90 02 04	281,89	23
009 C 90 32	152,35	190	015 90 21 86	208,88	188	019 05 26 84	83,43	218	020 L 90 02 05	287,26	23
009 C 90 42	152,35	190	016 01 13 84	57,37	200	019 05 32 84	130,89	218	020 L 90 03 02	262,92	24
010 C 01 13	120,44	190	016 01 18 84	57,39	200	019 05 42 84	130,89	218	020 L 90 03 03	404,87	24
010 C 01 14	208,00	191	016 01 26 84	57,41	200	019 52 13 84	83,38	218	020 L 90 03 04	378,61	24
010 C 01 18	120,46	190	016 05 13 84	81,51	200	019 52 14 84	128,58	218	020 L 90 03 05	383,87	24
010 C 01 26	120,48	190	016 05 18 84	81,53	200	019 52 17 84	128,58	218	020 L 90 04 02	378,66	25
010 C 01 32	158,97	190	016 05 26 84	81,56	200	019 52 18 84	83,40	218	020 L 90 04 03	567,94	25
010 C 01 42	158,99	190	016 52 13 84	81,51	200	019 52 26 84	83,43	218	020 L 90 04 04	534,65	25
010 C 02 13	121,33	190	016 52 18 84	81,53	200	019 52 32 84	130,89	218	020 L 90 04 05	539,90	25
010 C 02 14	208,00	191	016 52 26 84	81,56	200	019 52 33 86	264,21	173	020 U 02 01	136,89	22
010 C 02 18	121,37	190	016 90 13 84	81,51	200	019 52 42 84	130,89	218	020 U 02 02	183,57	23
010 C 02 26	121,39	190	016 90 18 84	81,50	200	019 90 13 84	83,38	218	020 U 02 03	286,69	24
010 C 02 32	162,47	190	016 90 26 84	81,56	200	019 90 14 84	128,58	218	020 U 02 04	339,79	25
010 C 02 42	162,49	190	017 01 13 84	83,98	200	019 90 17 84	128,58	218	020 U 52 01	136,89	22
010 C 52 13	121,33	190	017 01 16 86	173,73	172	019 90 18 84	83,40	218	020 U 52 02	183,57	23
010 C 52 14	226,00	191	017 01 18 84	83,98	200	019 90 26 84	83,43	218	020 U 52 03	286,69	24
010 C 52 18	121,37	190	017 01 26 84	84,00	200	019 90 32 84	130,89	218	020 U 52 04	339,79	25
010 C 52 26	121,39	190	017 02 16 86	183,54	172	019 90 33 86	264,21	173	020 U 90 01	136,89	22
010 C 52 32	162,47	190	017 05 13 84	88,00	200	019 90 42 84	130,89	218	020 U 90 02	183,57	23
010 C 52 42	162,49	190	017 05 18 84	88,02	200	019 F 01 15 84	196,23	243	020 U 90 03	286,69	24
010 C 90 13	121,33	190	017 05 26 84	88,04	200	019 F 01 20 84	148,67	243	020 U 90 04	339,79	25
010 C 90 14	208,00	191	017 52 13 84	88,00	200	019 F 05 15 84	165,18	243	021 02 01 50	142,14	208
010 C 90 18	121,37	190	017 52 16 86	183,54	172	019 F 05 20 84	157,31	243	021 02 02 50	182,98	209
010 C 90 26	121,39	190	017 52 18 84	88,02	200	019 F 52 15 84	165,18	243	021 02 03 50	243,47	209
010 C 90 32	162,47	190	017 52 26 84	88,04	200	019 F 52 20 84	157,31	243	021 52 01 50	142,14	208
010 C 90 42	162,49	190	017 90 13 84	88,00	200	019 F 90 15 84	165,18	243	021 52 02 50	192,98	209
011 C 01	143,19	57	017 90 16 86	183,54	172	019 F 90 20 84	157,31	243	021 52 03 50	313,47	209
011 C 02	147,36	57	017 90 18 84	88,02	200	020 02 01 50	138,98	22	021 90 01 50	142,14	208
011 C 90	147,36	57	017 90 26 84	88,04	200	020 02 02 50	188,72	23	021 90 02 50	192,98	209
012 C 01	163,26	271	017 G 01 15 84	193,89	242	020 02 03 50	238,89	24	021 90 03 50	243,47	209
012 C 02	188,32	271	017 G 01 20 84	188,30	242	020 02 04 50	345,81	25	021 L 02 01 02	147,38	208
012 C 90	166,32	271	017 G 05 15 84	194,89	242	020 52 01 50	138,98	22	021 L 02 01 03	193,55	208
013 01 32 84	117,95	208	017 G 05 20 84	192,40	242	020 52 02 50	188,72	23	021 L 02 01 04	181,48	208
013 01 42 84	117,97	208	017 G 52 15 84	194,89	242	020 52 03 50	238,89	24	021 L 02 02 02	203,69	209
013 01 52 84	116,34	209	017 G 52 20 84	192,40	242	020 52 04 50	345,81	25	021 L 02 02 03	295,77	209
013 02 32 84	123,80	208	017 G 90 15 84	194,89	242	020 90 01 50	138,98	22	021 L 02 02 04	218,92	209
013 02 42 84	123,82	208	017 G 90 20 84	192,40	242	020 90 02 50	188,72	23	021 L 02 02 05	282,17	209
013 02 52 84	162,34	208	018 01 13 84	87,77	218	020 90 03 50	238,89	24	021 L 02 03 02	258,84	209
013 52 32 84	123,80	209	018 01 14 84	110,76	218	020 90 04 50	345,81	25	021 L 02 03 03	297,86	209
013 52 42 84	123,82	208	018 01 17 84	110,78	218	020 L 02 01 02	148,78	22	021 L 02 03 04	307,81	209
013 52 52 84	162,34	208	018 01 18 84	87,79	218	020 L 02 01 03	196,10	22	021 L 02 03 05	377,26	209
013 90 32 84	123,80	208	018 01 26 84	87,81	218	020 L 02 01 04	187,95	22	021 L 52 01 02	147,38	208
013 90 42 84	123,82	208	018 01 32 84	111,91	218	020 L 02 01 05	193,20	22	021 L 52 01 03	193,53	208
013 90 52 84	162,34	208	018 01 42 84	111,91	218	020 L 02 02 02	200,64	23	021 L 52 01 04	181,48	208
014 01 13 84	44,41	198	018 05 13 84	78,81	218	020 L 02 02 03	301,29	23	021 L 52 02 02	203,69	209
014 01 18 84	44,42	198	018 05 14 84	119,88	218	020 L 02 02 04	281,89	23	021 L 52 02 03	295,77	209
014 01 26 84	44,43	198	018 05 17 84	119,88	218	020 L 02 02 05	287,26	23	021 L 52 02 04	278,92	209
014 03 13 84	49,58	198	018 05 18 84	78,80	218	020 L 02 03 02	282,92	24	021 L 52 02 05	307,81	209
014 03 18 84	49,57	198	018 05 26 84	78,95	218	020 L 02 03 03	404,87	24	021 L 52 02 05	282,17	209
			018 05 32 84	120,81	218	020 L 02 03 04	378,61	24	021 L 52 03 02	258,84	209

Art	€	Pag	Art	€	Pag	Art	€	Pag	Art	€	Pag
021 L 52 03 03	207,06	259	022 R 03 01 12	593,20	24	030 02 90 50	271,20	39	033 L 90 02 02	209,60	267
021 L 52 03 05	377,26	259	022 R 03 02 12	597,70	24	030 02 90 60	295,19	39	033 L 90 02 03	201,96	267
021 L 90 01 02	147,08	259	022 R 03 52 12	597,70	24	030 R 01 01 12	295,52	39	033 L 90 02 04	262,71	267
021 L 90 01 03	103,53	259	022 R 03 90 12	597,70	24	030 R 01 02 12	295,11	39	033 L 90 02 05	267,96	267
021 L 90 01 04	181,48	259	022 R 04 01 12	603,79	25	030 R 01 52 12	295,11	39	038 90 01 50	134,95	37
021 L 90 02 02	203,89	259	022 R 04 02 12	607,90	25	030 R 01 90 12	295,11	39	038 90 02 50	200,00	37
021 L 90 02 03	295,77	259	022 R 04 52 12	607,90	25	030 R 02 01 12	454,89	39	038 L 90 01 02	140,40	37
021 L 90 02 04	276,92	259	022 R 04 90 12	607,90	25	030 R 02 02 12	465,57	39	038 L 90 01 03	186,34	37
021 L 90 02 04	327,01	259	022 R 04 01 35	669,20	25	030 R 02 52 12	465,57	39	038 L 90 01 04	174,29	37
021 L 90 02 05	262,17	259	022 R 04 02 35	697,34	25	030 R 02 90 12	465,57	39	038 L 90 01 05	179,54	37
021 L 90 03 02	258,84	259	022 R 04 52 35	697,34	25	031 01 01 35	190,77	262	038 L 90 02 02	211,00	37
021 L 90 03 03	267,96	259	022 R 04 90 35	697,34	25	031 01 01 50	190,77	262	038 L 90 02 03	202,68	37
021 L 90 03 05	377,26	259	025 01 01 35	171,10	260	031 01 01 60	202,25	262	038 L 90 02 04	284,03	37
021 U 02 01	139,05	258	025 01 01 50	171,10	260	031 01 02 35	192,82	262	038 L 90 02 05	290,40	37
021 U 02 02	186,00	259	025 01 01 60	182,68	260	031 01 02 50	192,82	262	039 02 01 50	137,01	268
021 U 02 03	204,20	259	025 01 02 35	175,23	260	031 01 02 60	204,21	262	039 02 02 50	202,14	269
021 U 52 01	195,05	258	025 01 02 50	175,23	260	031 01 52 35	192,82	262	039 52 01 50	137,01	268
021 U 52 02	186,00	259	025 01 02 60	184,74	260	031 01 52 50	192,82	262	039 52 02 50	202,14	269
021 U 52 03	204,20	259	025 01 52 35	175,23	260	031 01 52 60	204,21	262	039 90 01 50	137,01	269
021 U 90 01	139,05	258	025 01 52 50	175,23	260	031 01 90 35	192,82	262	039 90 02 50	202,14	269
021 U 90 02	186,00	259	025 01 52 60	184,74	260	031 01 90 60	192,82	262	039 L 02 01 02	142,46	268
021 U 90 03	204,20	259	025 01 90 35	175,23	260	031 01 90 60	204,21	262	039 L 02 01 03	189,40	268
022 01 01 35 24	185,71	22	025 01 90 50	175,23	260	031 02 01 35	204,42	263	039 L 02 01 04	176,30	268
022 01 01 50 45	183,80	22	025 01 90 60	184,74	260	031 02 01 50	204,42	263	039 L 02 01 05	181,60	268
022 01 01 60 45	178,43	22	025 02 01 35	206,77	260	031 02 01 60	272,12	263	039 L 02 02 02	213,00	269
022 01 02 35 24	173,77	22	025 02 01 50	206,77	260	031 02 02 35	206,48	263	039 L 02 02 03	253,54	269
022 01 02 50 45	173,77	22	025 02 01 60	206,48	260	031 02 02 50	206,48	263	039 L 02 02 04	285,09	269
022 01 02 60 45	181,72	24	025 02 02 35	238,83	260	031 02 02 60	274,18	263	039 L 02 02 05	291,34	269
022 01 52 35 24	173,77	22	025 02 02 50	238,83	260	031 02 52 35	206,48	263	039 L 52 01 02	142,46	268
022 01 52 50 45	173,77	22	025 02 02 60	262,52	260	031 02 52 50	206,48	263	039 L 52 01 03	189,40	268
022 01 52 60 45	181,72	24	025 02 52 35	238,83	260	031 02 52 60	274,18	263	039 L 52 01 04	176,30	268
022 01 90 35 24	173,77	22	025 02 52 50	238,83	260	031 02 90 35	206,48	263	039 L 52 01 05	181,60	268
022 01 90 50 45	173,77	22	025 02 52 60	262,52	260	031 02 90 60	206,48	263	039 L 52 02 02	213,00	269
022 01 90 60 45	181,72	22	025 02 90 35	238,83	260	031 02 90 60	274,18	263	039 L 52 02 03	253,54	269
022 02 01 35 24	204,16	23	025 02 90 50	238,83	260	031 R 01 01 12	206,52	262	039 L 52 02 04	285,09	269
022 02 01 50 45	204,16	23	025 02 90 60	262,52	260	031 R 01 02 12	286,58	262	039 L 52 02 05	291,34	269
022 02 01 60 45	249,61	23	025 03 01 35	298,99	261	031 R 01 52 12	286,58	262	039 L 90 01 02	142,46	268
022 02 02 35 24	241,18	23	025 03 01 50	298,99	261	031 R 01 90 12	286,58	262	039 L 90 01 03	189,40	268
022 02 02 50 45	241,18	23	025 03 01 60	321,74	261	031 R 02 01 12	456,24	263	039 L 90 01 04	176,30	268
022 02 02 60 45	257,09	23	025 03 02 35	299,05	261	031 R 02 02 12	456,24	263	039 L 90 01 05	181,60	268
022 02 52 35 24	241,18	23	025 03 02 50	299,05	261	031 R 02 02 12	456,24	263	039 L 90 02 02	213,00	269
022 02 52 50 45	241,18	23	025 03 02 60	333,80	261	031 R 02 52 12	456,24	263	039 L 90 02 03	253,54	269
022 02 52 60 45	257,09	23	025 03 52 35	299,05	261	032 90 01 50	134,95	39	039 L 90 02 04	285,09	269
022 02 90 35 24	241,18	23	025 03 52 50	299,05	261	032 90 02 50	194,42	39	039 L 90 02 05	291,34	269
022 02 90 50 45	241,18	23	025 03 52 60	333,80	261	032 L 90 01 02	140,40	39	041 13 10CP	155,69	100
022 02 90 60 45	257,09	23	025 03 90 35	299,05	261	032 L 90 01 03	186,34	39	041 13 35CP	155,69	100
022 03 01 35 24	203,81	24	025 03 90 50	299,05	261	032 L 90 01 04	174,29	39	041 13 50CP	155,69	100
022 03 01 50 45	203,81	24	025 03 90 60	333,80	261	032 L 90 01 05	179,54	39	041 13 60CP	170,18	100
022 03 01 60 45	307,76	24	025 R 01 01 12	212,60	260	032 L 90 02 02	206,34	39	041 13 75CP	170,18	100
022 03 02 35 24	302,62	24	025 R 01 02 12	280,84	260	032 L 90 02 03	297,21	39	041 18 10CP	170,20	100
022 03 02 50 45	321,62	24	025 R 01 52 12	280,84	260	032 L 90 02 04	278,47	39	041 18 35CP	170,18	100
022 03 02 60 45	326,49	24	025 R 01 90 12	289,26	260	032 L 90 02 05	283,62	39	041 18 50CP	155,71	100
022 03 52 35 24	302,62	24	025 R 03 01 12	601,66	261	033 02 01 50	140,33	266	041 18 60CP	170,20	100
022 03 52 50 45	302,62	24	025 R 03 02 12	603,72	261	033 02 02 50	196,78	267	041 18 75CP	170,20	100
022 03 52 60 45	326,49	24	025 R 03 52 12	603,72	261	033 52 01 50	140,33	266	041 L 13 12	244,14	100
022 03 90 35 24	302,62	24	025 R 03 90 12	603,72	261	033 52 02 50	196,78	267	041 L 18 12	244,14	100
022 03 90 50 45	302,62	24	030 01 01 35	190,77	39	033 90 01 50	140,33	266	042 13 10CP	170,18	100
022 03 90 60 45	326,49	24	030 01 01 50	190,77	39	033 90 02 50	196,78	267	042 13 35CP	155,69	100
022 04 01 35 24	420,69	25	030 01 01 60	202,25	39	033 L 02 01 02	144,70	266	042 13 50CP	155,69	100
022 04 01 50 45	420,69	25	030 01 02 35	195,49	39	033 L 02 01 03	190,70	266	042 13 60CP	170,18	100
022 04 01 60 45	461,59	25	030 01 02 50	195,49	39	033 L 02 01 04	178,65	266	042 13 75CP	170,18	100
022 04 02 35 24	433,31	25	030 01 02 60	209,21	39	033 L 02 01 05	193,90	266	042 18 10CP	170,20	100
022 04 02 50 45	433,31	25	030 01 52 35	195,49	39	033 L 02 02 02	209,68	267	042 18 35CP	170,18	100
022 04 02 60 45	496,13	26	030 01 52 50	195,49	39	033 L 02 02 03	301,26	267	042 18 50CP	155,71	100
022 04 52 35 24	433,31	25	030 01 52 60	208,21	39	033 L 02 02 04	282,71	267	042 18 60CP	170,20	100
022 04 52 50 45	433,31	25	030 01 90 35	195,49	39	033 L 02 02 05	287,96	267	042 18 75CP	170,20	100
022 04 52 60 45	485,13	25	030 01 90 50	195,49	39	033 L 52 01 02	144,70	266	042 L 13 12	244,14	100
022 04 90 35 24	433,31	25	030 01 90 60	208,21	39	033 L 52 01 03	190,70	266	042 L 18 12	244,14	100
022 04 90 50 45	433,31	25	030 02 01 35	203,43	39	033 L 52 01 04	178,65	266	043 13 10CP	200,85	101
022 04 90 60 45	465,13	25	030 02 01 50	203,43	39	033 L 52 01 05	193,90	266	043 13 35CP	204,00	101
022 R 01 01 12	272,49	22	030 02 01 60	280,60	39	033 L 52 02 02	209,68	267	043 13 60CP	200,85	101
022 R 01 02 12	280,66	22	030 02 02 35	271,23	39	033 L 52 02 03	301,26	267	043 13 75CP	200,85	101
022 R 01 52 12	280,66	22	030 02 02 50	271,23	39	033 L 52 02 04	282,71	267	043 18 10CP	200,87	101
022 R 01 90 12	280,66	22	030 02 02 60	295,19	39	033 L 52 02 05	287,96	267	043 18 35CP	244,44	103
022 R 02 01 12	425,05	23	030 02 52 35	271,23	39	033 L 90 01 02	144,70	266	043 18 50CP	204,02	101
022 R 02 02 12	438,31	23	030 02 52 50	271,23	39	033 L 90 01 03	190,70	266	043 18 60CP	200,87	101
022 R 02 52 12	438,31	23	030 02 52 60	295,19	39	033 L 90 01 04	178,65	266	043 18 75CP	200,87	101
022 R 02 90 12	438,31	23	030 02 90 35	271,23	39	033 L 90 01 05	193,90	266	043 L 13 12	289,58	101

Ref	€	Flag	Ref	€	Flag	Ref	€	Flag	Ref	€	Flag
043 L 18 12	389,06	101	050 18 60CP	323,21	107	056 RC 52 70	306,72	62	073 01 18 04	101,58	158
044 13 10CP	230,85	101	050 18 75CP	319,09	107	056 RC 90 35	306,72	62	073 02 04 05	183,75	159
044 13 35CP	230,85	101	050 L 13 12	481,83	107	056 RC 90 70	306,72	62	073 02 13 04	101,58	158
044 13 60CP	230,85	101	050 L 18 12	481,83	107	057 01 14	126,80	230	073 02 18 04	101,58	158
044 13 75CP	230,85	101	051 02 50	185,60	27	057 01 26 04	77,57	230	073 52 04 05	183,75	159
044 18 10CP	230,87	101	051 52 50	185,60	27	057 02 14	149,53	230	073 52 13 04	101,58	158
044 18 35CP	230,87	101	051 90 50	185,60	27	057 02 26 04	97,27	230	073 52 18 04	101,58	158
044 18 60CP	230,87	101	051 L 02 02	202,26	27	057 03 14	149,53	230	073 90 04 05	183,75	159
044 18 75CP	230,87	101	051 L 02 03	295,03	27	057 03 26 04	97,27	230	073 90 13 04	101,58	158
044 L 13 12	389,06	101	051 L 02 04	277,63	27	057 05 14	149,53	230	073 90 18 04	101,58	158
044 L 18 12	389,06	101	051 L 02 05	292,89	27	057 05 26 04	97,27	230	074 00 07 05	226,70	159
045 13 10CP	257,06	103	051 L 52 02	202,26	27	057 52 14	149,53	230	074 00 13 04	125,33	158
045 13 50CP	244,42	103	051 L 52 03	295,03	27	057 52 26 04	97,27	230	074 00 18 04	125,33	158
045 13 50CP	244,42	103	051 L 52 04	277,63	27	057 57 14	149,53	230	074 00 26 04	125,33	158
045 13 80CP	261,18	103	051 L 52 05	292,89	27	057 57 26 04	97,27	230	074 01 07 05	226,70	159
045 13 75CP	257,06	103	051 L 90 02	202,26	27	057 90 14	149,53	230	074 01 13 04	136,80	158
045 18 10CP	257,06	103	051 L 90 03	295,03	27	057 90 26 04	97,27	230	074 01 18 04	137,83	158
045 18 50CP	244,44	103	051 L 90 04	277,63	27	061 85 02 12	452,01	28	074 01 26 04	136,80	158
045 18 80CP	261,20	103	051 L 90 05	292,89	27	061 85 52 12	452,01	28	074 02 07 05	226,70	159
045 18 75CP	257,06	103	052 02 50	338,10	27	061 85 90 12	452,01	28	074 02 13 04	136,80	158
045 L 13 12	324,09	103	052 52 50	338,10	27	061 5 02 35 24	257,50	28	074 02 18 04	137,83	158
045 L 18 12	324,09	103	052 90 50	338,10	27	061 5 02 50 45	257,50	28	074 02 26 04	136,80	158
046 13 10CP	257,06	103	052 L 02 02	310,24	27	061 5 02 80 45	272,38	28	074 52 07 05	226,70	159
046 13 35CP	244,42	103	052 L 02 03	507,06	27	061 5 52 35 24	257,50	28	074 52 13 04	136,80	158
046 13 50CP	244,42	103	052 L 02 04	526,74	27	061 5 52 50 45	257,50	28	074 52 18 04	137,83	158
046 13 80CP	261,18	103	052 L 02 05	531,99	27	061 5 52 80 45	272,38	28	074 52 26 04	136,80	158
046 13 75CP	257,06	103	052 L 52 02	310,24	27	061 5 90 35 24	257,50	28	074 90 07 05	226,70	159
046 18 10CP	257,06	103	052 L 52 03	507,06	27	061 5 90 50 45	257,50	28	074 90 13 04	136,80	158
046 18 35CP	244,44	103	052 L 52 04	526,74	27	061 5 90 80 45	272,38	28	074 90 18 04	137,83	158
046 18 50CP	244,44	103	052 L 52 05	531,99	27	063 02 35 24	240,44	28	074 90 26 04	136,80	158
046 18 80CP	261,20	103	052 L 90 02	310,24	27	063 02 50 45	240,44	28	091 01 50	46,84	92
046 18 75CP	257,06	103	052 L 90 03	507,06	27	063 02 80 45	255,33	28	091 02 50	47,01	92
046 L 13 12	324,09	103	052 L 90 04	526,74	27	063 52 35 24	240,44	28	091 90 50	47,01	92
046 L 18 12	324,09	103	052 L 90 05	531,99	27	063 52 50 45	240,44	28	091 L 01 02	61,10	92
047 13 10CP	257,06	106	055 02 50	181,69	26	063 52 80 45	255,33	28	091 L 01 03	67,04	92
047 13 35CP	261,20	106	055 52 50	181,69	26	063 90 35 24	240,44	28	091 L 01 04	64,89	92
047 13 50CP	261,20	106	055 90 50	181,69	26	063 90 50 45	240,44	28	091 L 01 05	60,24	92
047 13 80CP	291,68	106	055 L 02 02	192,76	26	063 90 80 45	256,33	28	091 L 02 02	62,64	92
047 13 75CP	257,06	106	055 L 02 03	240,07	26	063 8 02 12	434,98	28	091 L 02 03	69,06	92
047 18 10CP	257,06	106	055 L 02 04	227,82	26	063 8 52 12	434,98	28	091 L 02 04	67,89	92
047 18 35CP	261,22	106	055 L 02 05	233,07	26	063 8 90 12	434,98	28	091 L 02 05	62,86	92
047 18 50CP	261,22	106	055 L 52 02	192,76	26	064 02 35 24	433,11	29	091 L 02 06	62,64	92
047 18 80CP	291,70	106	055 L 52 03	240,07	26	064 02 50 45	433,11	29	091 L 90 03	69,06	92
047 18 75CP	257,06	106	055 L 52 04	227,82	26	064 02 80 45	464,01	29	091 L 90 04	67,89	92
047 L 13 12	549,65	106	055 L 52 05	233,07	26	064 52 35 24	433,11	29	091 L 90 05	62,86	92
047 L 18 12	549,65	106	055 L 90 02	192,76	26	064 52 50 45	433,11	29	092 01 50	71,21	92
048 13 10CP	257,06	106	055 L 90 03	240,07	26	064 52 80 45	464,01	29	092 02 50	73,44	92
048 13 35CP	261,20	106	055 L 90 04	227,82	26	064 90 35 24	433,11	29	092 90 50	73,44	92
048 13 50CP	261,20	106	055 L 90 05	233,07	26	064 90 50 45	433,11	29	092 L 01 02	60,23	92
048 13 80CP	291,68	106	056 8 01 12	215,02	60	064 90 80 45	464,01	29	092 L 01 03	174,11	92
048 13 75CP	257,06	106	056 8 02 12	221,47	60	064 8 02 12	818,43	29	092 L 01 04	100,00	92
048 18 10CP	257,06	106	056 8 52 12	221,47	60	064 8 52 12	818,43	29	092 L 01 05	180,51	92
048 18 35CP	261,22	106	056 8 90 12	221,47	60	064 8 90 12	818,43	29	092 L 02 02	64,70	92
048 18 50CP	261,22	106	056 0C 01 10	116,10	62	066 02 35 24	467,22	29	092 L 02 03	179,33	92
048 18 80CP	291,70	106	056 0C 01 35	113,01	62	066 02 50 45	467,22	29	092 L 02 04	164,00	92
048 18 75CP	257,06	106	056 0C 01 50	113,01	62	066 02 80 45	474,95	29	092 L 02 05	188,33	92
048 L 13 12	549,65	106	056 0C 01 60	120,20	62	066 52 35 24	467,22	29	092 L 90 02	64,70	92
048 L 18 12	549,65	106	056 0C 01 75	116,10	62	066 52 50 45	467,22	29	092 L 90 03	179,33	92
049 13 10CP	318,07	107	056 0C 02 10	118,68	62	066 52 80 45	474,95	29	092 L 90 04	164,00	92
049 13 35CP	300,73	107	056 0C 02 35	117,32	62	066 90 35 24	467,22	29	092 L 90 05	188,33	92
049 13 50CP	300,73	107	056 0C 02 50	117,32	62	066 90 50 45	467,22	29	093 01 50	100,40	93
049 13 80CP	323,19	107	056 0C 02 60	123,80	62	066 90 80 45	474,95	29	093 02 50	103,41	93
049 13 75CP	318,07	107	056 0C 02 75	118,68	62	066 85 02 12	862,55	29	093 90 50	103,41	93
049 18 10CP	318,09	107	056 0C 52 10	118,68	62	066 85 52 12	862,55	29	093 L 01 02	116,19	93
049 18 35CP	300,76	107	056 0C 52 35	117,32	62	066 85 90 12	862,55	29	093 L 01 03	264,59	93
049 18 50CP	300,76	107	056 0C 52 50	117,32	62	067 05	69,93	117	093 L 01 04	218,44	93
049 18 80CP	323,21	107	056 0C 52 60	123,80	62	068 52	81,06	118	093 L 01 05	234,20	93
049 18 75CP	318,09	107	056 0C 52 75	118,68	62	069 01	125,14	116	093 L 02 02	190,28	93
049 L 13 12	481,93	107	056 0C 90 10	118,68	62	069 02	125,14	116	093 L 02 03	262,32	93
049 L 18 12	481,93	107	056 0C 90 35	117,32	62	069 52	125,14	116	093 L 02 04	225,46	93
050 13 10CP	318,07	107	056 0C 90 50	117,32	62	069 90	125,14	116	093 L 02 05	241,22	93
050 13 35CP	300,73	107	056 0C 90 60	120,80	62	072 05	82,17	117	093 L 90 02	120,28	93
050 13 50CP	300,76	107	056 0C 90 75	118,68	62	073 00 04 85	181,79	159	093 L 90 03	262,32	93
050 13 80CP	323,19	107	056 RC 01 35	298,82	62	073 00 13 04	92,33	158	093 L 90 04	225,46	93
050 13 75CP	318,07	107	056 RC 01 70	298,80	62	073 00 18 04	92,30	158	093 L 90 05	241,22	93
050 18 10CP	318,09	107	056 RC 02 35	306,72	62	073 00 18 04	92,30	158	094 01 50	132,49	93
050 18 35CP	300,76	107	056 RC 02 70	306,72	62	073 01 04 85	183,75	159	094 02 50	136,46	93
050 18 50CP	300,76	107	056 RC 52 35	306,72	62	073 01 13 04	101,58	158	094 90 50	136,46	93

Ref	€	Pag	Ref	€	Pag	Ref	€	Pag	Ref	€	Pag
094 L 01 02	154,33	93	099 C 52 75	317,75	30	109 90 29	577,80	111	201 04	5,97	136
094 L 01 03	286,09	93	099 C 60 10	317,75	30	109 90 31	200,34	111	201 04 50	14,27	136
094 L 01 04	295,86	93	099 C 90 35	307,26	30	109 90 32	595,79	111	201 05	5,97	136
094 L 01 05	310,89	93	099 C 90 50	307,26	30	109 90 32 70 83	595,79	111	201 05 50	14,27	136
094 L 02 02	158,95	93	099 C 90 60	327,60	30	109 90 39	845,09	111	201 52	5,97	136
094 L 02 03	295,29	93	099 C 90 75	317,75	30	109 90 41	317,32	111	201 52 50	14,27	136
094 L 02 04	295,20	93	100			109 90 42 35 83	805,32	111	201 K 01 11	11,85	136
094 L 02 05	320,21	93	105 02 10CP	94,71	94	109 90 42 70 83	805,32	111	201 K 02 11	12,77	136
094 L 90 02	158,95	93	105 02 35CP	78,21	94	109 90 48	1.139,12	111	201 K 03 11	12,77	136
094 L 90 03	295,29	93	105 02 50CP	78,21	94	110 01	43,19	277	201 K 04 11	12,77	136
094 L 90 04	295,20	93	105 02 60CP	94,71	94	110 02	43,19	277	201 K 05 11	12,77	136
094 L 90 05	320,21	93	105 02 75CP	94,71	94	110 52	49,66	277	201 K 52 11	12,77	136
096 01 10	158,25	90	105 90 10CP	94,71	94	111 01	85,39	277	201 L 01 02	44,74	136
096 01 35	149,41	90	105 90 35CP	78,21	94	111 02	95,39	277	201 L 01 03	60,79	136
096 01 50	140,06	90	105 90 50CP	78,21	94	111 52	99,25	277	201 L 01 04	49,00	136
096 01 60	150,44	90	105 90 60CP	94,71	94	112 01	13,07	277	201 L 01 05	54,01	136
096 01 75	158,25	90	105 90 75CP	94,71	94	112 02	15,36	277	201 L 01 07	72,73	136
096 02 10	160,93	90	105 L 02 12	175,14	94	112 52	15,36	277	201 L 02 02	15,96	136
096 02 35	153,89	90	105 L 90 12	175,14	94	113 01	15,25	277	201 L 02 03	61,80	136
096 02 50	153,89	90	106 02 10CP	181,05	94	113 02	16,78	277	201 L 02 04	49,74	136
096 02 60	164,22	90	106 02 35CP	143,01	94	113 52	16,78	277	201 L 02 05	55,00	136
096 02 75	160,93	90	106 02 50CP	143,01	94	114 01	15,25	277	201 L 02 07	73,85	136
096 52 10	100,93	90	106 02 60CP	181,05	94	114 02	16,78	277	201 L 03 02	19,88	136
096 52 35	103,89	90	106 02 75CP	181,05	94	114 52	16,78	277	201 L 03 03	61,80	136
096 52 50	103,89	90	106 90 10CP	181,05	94	115 01	7,82	277	201 L 03 04	49,74	136
096 52 60	164,22	90	106 90 35CP	143,01	94	115 02	8,61	277	201 L 03 05	55,00	136
096 52 75	100,93	90	106 90 50CP	143,01	94	115 52	8,61	277	201 L 03 07	73,85	136
096 90 10	100,93	90	106 90 60CP	181,05	94	116 01	12,71	277	201 L 04 02	15,96	136
096 90 35	103,89	90	106 90 75CP	181,05	94	116 02	13,97	277	201 L 04 03	61,80	136
096 90 50	103,89	90	106 L 02 12	334,80	94	116 52	13,97	277	201 L 04 04	49,74	136
096 90 60	164,22	90	106 L 90 12	334,80	94	117 01	40,06	277	201 L 04 05	55,00	136
096 90 75	100,93	90	107 02 10CP	293,19	94	117 02	40,06	277	201 L 04 07	73,85	136
096 B 01 12	248,33	90	107 02 35CP	195,60	94	119 01	1,20	277	201 L 05 02	19,88	136
096 B 02 12	255,77	90	107 02 50CP	195,60	94	119 02	1,39	277	201 L 05 03	61,90	136
096 B 52 12	255,77	90	107 02 60CP	293,19	94	119 52	1,39	277	201 L 05 04	49,74	136
096 B 90 12	255,77	90	107 02 75CP	293,19	94	120 01	9,57	277	201 L 05 05	55,00	136
097 B 01 12	427,16	91	107 90 10CP	293,19	94	120 02	9,57	277	201 L 05 07	73,85	136
097 B 02 12	439,97	91	107 90 35CP	195,60	94	145 01 30	94,75	248	201 L 52 02	15,96	136
097 B 52 12	439,97	91	107 90 50CP	195,60	94	145 90 18	50,88	248	201 L 52 03	61,90	136
097 B 90 12	439,97	91	107 90 60CP	293,19	94	155 01 10	95,62	114	201 L 52 04	49,74	136
098 01 10	240,51	91	107 90 75CP	293,19	94	155 01 35	82,64	114	201 L 52 05	55,00	136
098 01 35	231,33	91	107 L 02 12	484,28	94	155 01 50	82,64	114	201 L 52 07	73,85	136
098 01 50	231,33	91	107 L 90 12	484,28	94	155 01 60	82,64	114	201 L 90 03	61,80	136
098 01 60	248,36	91	108 02 10CP	293,72	94	155 01 75	80,62	114	202 01	1,81	137
098 01 75	240,51	91	108 02 35CP	274,37	94	155 02 10	89,42	114	202 01 50	10,65	137
098 02 10	252,87	91	108 02 50CP	274,37	94	155 02 35	85,11	114	202 02	2,55	137
098 02 35	278,26	91	108 02 60CP	293,72	94	155 02 50	85,11	114	202 02 50	10,70	137
098 02 50	278,26	91	108 02 75CP	293,72	94	155 02 60	93,66	114	202 03	2,55	137
098 02 60	267,04	91	108 90 10CP	293,72	94	155 02 75	89,42	114	202 03 50	10,79	137
098 02 75	252,87	91	108 90 35CP	274,37	94	155 52 10	89,42	114	202 04	2,55	137
098 52 10	252,87	91	108 90 50CP	274,37	94	155 52 35	85,11	114	202 04 50	10,79	137
098 52 35	278,26	91	108 90 60CP	293,72	94	155 52 50	85,11	114	202 05	2,55	137
098 52 50	236,26	91	108 90 75CP	293,72	94	155 52 60	93,66	114	202 05 50	10,79	137
098 52 60	257,04	91	108 L 02 12	657,94	94	155 52 75	89,42	114	202 52	2,55	137
098 52 75	252,87	91	108 L 90 12	657,94	94	155 90 10	88,47	114	202 52 50	10,70	137
098 90 10	252,87	91	109 02 11	90,66	111	155 90 35	84,11	114	202 K 01 11	11,01	137
098 90 35	236,26	91	109 02 12 35 83	213,13	111	155 90 50	85,11	114	202 K 02 11	12,03	137
098 90 50	236,26	91	109 02 12 70 83	213,13	111	155 90 60	90,66	114	202 K 03 11	12,03	137
098 90 60	257,04	91	109 02 19	298,43	111	155 90 75	88,42	114	202 K 04 11	12,03	137
098 90 75	252,87	91	109 02 21	195,60	111	156 01 12	196,73	114	202 K 05 11	12,03	137
099 B 01 12	588,25	93	109 02 22 35 83	411,20	111	156 02 12	192,33	114	202 K 52 11	12,03	137
099 B 02 12	605,89	93	109 02 22 70 83	411,20	111	156 52 12	192,33	114	202 L 01 02	14,27	137
099 B 52 12	605,89	93	109 02 29	577,80	111	156 90 12	192,33	114	202 L 01 03	60,31	137
099 B 90 12	626,89	93	109 02 31	292,34	111	157 01 35	205,57	114	202 L 01 04	46,29	137
099 C 01 10	308,50	90	109 02 32 35 83	595,79	111	157 01 70	267,85	114	202 L 01 05	53,51	137
099 C 01 35	298,32	90	109 02 32 70 83	595,79	111	157 02 35	273,53	114	202 L 01 07	72,96	137
099 C 01 50	298,32	90	109 02 39	648,69	111	157 02 70	273,67	114	202 L 02 02	15,15	137
099 C 01 60	378,06	90	109 02 41	317,32	111	157 52 35	273,53	114	202 L 02 03	61,05	137
099 C 01 75	308,50	90	109 02 42 35 83	805,52	111	157 52 70	275,67	114	202 L 02 04	49,00	137
099 C 02 10	317,75	90	109 02 42 70 83	805,52	111	157 90 35	273,53	114	202 L 02 05	54,26	137
099 C 02 35	307,26	90	109 02 49	1.139,12	111	157 90 70	273,67	114	202 L 02 07	73,10	137
099 C 02 50	307,26	90	109 90 11	90,66	111	200			202 L 03 02	15,12	137
099 C 02 60	307,60	90	109 90 12 35 83	213,13	111	201 01	3,97	136	202 L 03 03	61,05	137
099 C 02 75	317,75	90	109 90 12 70 83	213,13	111	201 01 50	12,21	136	202 L 03 04	49,00	137
099 C 52 10	317,75	90	109 90 19	298,43	111	201 02	5,97	136	202 L 03 05	54,26	137
099 C 52 35	307,26	90	109 90 21	195,60	111	201 02 50	14,27	136	202 L 03 07	73,10	137
099 C 52 50	307,26	90	109 90 22 35 83	411,20	111	201 03	5,97	136	202 L 04 02	15,12	137
099 C 52 60	307,60	90	109 90 22 70 83	411,20	111	201 03 50	14,27	136	202 L 04 03	61,05	137

Ref	€	Pag	Ref	€	Pag	Ref	€	Pag	Ref	€	Pag
202 L 04 04	40,00	137	207 01 50	12,02	130	215 10	24,34	130	217 L 09 04	60,85	139
202 L 04 05	54,26	137	207 02	6,41	130	215 10 50	31,45	130	217 L 09 05	75,54	139
202 L 04 07	73,10	137	207 02 50	14,00	130	215 11	24,34	130	217 L 09 05	60,97	141
202 L 05 02	15,27	137	207 03	6,41	130	215 11 50	31,45	130	217 L 10 02	25,36	141
202 L 05 03	61,05	137	207 03 50	14,65	130	215 12	24,34	130	217 L 10 03	62,33	139
202 L 05 04	40,00	137	207 04	6,41	130	215 12 50	31,45	130	217 L 10 03	71,20	141
202 L 05 05	64,26	137	207 04 50	14,00	130	215 L 06 02	30,27	130	217 L 10 04	60,85	139
202 L 05 07	73,10	137	207 05	6,41	130	215 L 06 03	60,10	130	217 L 10 05	75,54	139
202 L 52 02	15,12	137	207 05 50	14,65	130	215 L 06 05	60,41	130	217 L 10 05	60,97	141
202 L 52 03	61,05	137	207 52	6,41	130	215 L 07 02	32,44	130	217 L 11 02	36,40	139
202 L 52 04	40,00	137	207 52 50	14,00	130	215 L 07 03	71,27	130	217 L 11 02	26,36	141
202 L 52 05	54,26	137	207 K 01 11	13,86	130	215 L 07 05	71,26	130	217 L 11 03	62,33	139
202 L 52 07	73,10	137	207 K 02 11	15,09	130	215 L 08 02	32,44	130	217 L 11 03	71,20	141
203 01	6,61	124	207 K 03 11	15,89	130	215 L 08 03	71,27	130	217 L 11 04	60,85	139
203 01 50	14,21	124	207 K 04 11	15,89	130	215 L 08 05	71,26	130	217 L 11 05	75,54	139
203 03	9,11	124	207 K 05 11	15,89	130	215 L 09 02	30,91	130	217 L 11 05	60,97	141
203 03 50	16,48	124	207 K 52 11	15,89	130	215 L 09 03	75,74	130	217 L 12 02	26,36	141
203 05	9,11	124	207 L 01 02	16,95	130	215 L 09 05	76,05	130	217 L 12 03	71,20	141
203 05 50	16,48	124	207 L 01 03	60,89	130	215 L 10 02	30,91	130	217 L 12 05	60,97	141
203 52	9,11	124	207 L 01 04	50,64	130	215 L 10 03	75,74	130	219 00	37,90	129
203 52 50	16,48	124	207 L 01 05	66,09	130	215 L 10 05	76,05	130	219 00 11	47,38	129
203 57	9,11	124	207 L 01 07	74,80	130	215 L 11 02	30,91	130	219 00 50	46,01	129
203 57 50	16,48	124	207 L 02 02	18,90	130	215 L 11 03	75,74	130	219 L 00 02	40,44	129
203 L 01 03	65,11	124	207 L 02 03	64,30	130	215 L 11 05	76,05	130	219 L 00 03	60,40	129
203 L 01 05	66,31	124	207 L 02 04	62,86	130	215 L 12 02	30,91	130	219 L 00 04	64,46	129
203 L 03 03	67,81	124	207 L 02 05	68,12	130	215 L 12 03	75,74	130	219 L 00 05	67,10	129
203 L 03 05	62,00	124	207 L 02 07	70,97	130	215 L 12 05	76,05	130	219 L 00 07	109,45	129
203 L 05 03	67,81	124	207 L 03 02	16,96	130	216 05	10,15	141	220 00	30,97	129
203 L 05 05	62,00	124	207 L 03 03	64,92	130	216 05 50	17,26	141	220 00 50	44,58	129
203 L 52 03	67,81	124	207 L 03 04	62,86	130	216 07	11,11	141	220 K 00 11	40,45	129
203 L 52 05	65,00	124	207 L 03 05	68,17	130	216 07 50	18,27	141	220 L 00 02	60,47	129
203 L 57 03	67,81	124	207 L 03 07	76,97	130	216 08	11,11	141	220 L 00 03	60,40	129
203 L 57 05	62,00	124	207 L 04 02	18,98	130	216 08 50	18,22	141	220 L 00 04	63,53	129
204 01	7,72	123	207 L 04 03	64,92	130	216 09	12,80	141	220 L 00 05	60,78	129
204 01 50	14,83	123	207 L 04 04	62,86	130	216 09 50	10,00	141	220 L 00 07	107,17	129
204 03	9,93	123	207 L 04 05	68,12	130	216 10	12,80	141	227 00	14,21	126
204 03 50	17,09	123	207 L 04 07	70,97	130	216 10 50	19,90	141	227 00 50	21,32	126
204 05	9,93	123	207 L 05 02	18,99	130	216 11	12,80	141	227 K 00 02	26,75	126
204 05 50	17,09	123	207 L 05 03	64,30	130	216 11 50	10,00	141	227 K 00 11	73,69	126
204 52	9,93	123	207 L 05 04	62,86	130	216 12	12,80	141	227 L 00 03	72,71	126
204 52 50	17,09	123	207 L 05 05	68,12	130	216 12 50	19,90	141	227 L 00 04	63,77	126
204 57	9,93	123	207 L 05 07	76,97	130	217 05	18,92	130	227 L 00 05	66,02	126
204 57 50	17,09	123	207 L 52 02	18,98	130	217 05 50	25,03	130	228 00	11,24	127
204 L 01 03	66,32	123	207 L 52 03	64,30	130	217 07	20,40	130	228 00 50	18,35	127
204 L 01 05	66,52	123	207 L 52 04	62,86	130	217 07 50	27,51	130	228 K 00 11	20,70	127
204 L 03 03	67,87	123	207 L 52 05	68,12	130	217 08	20,40	130	228 L 00 02	20,80	127
204 L 03 05	61,07	123	207 L 52 07	76,97	130	217 08 50	27,51	130	228 L 00 03	60,75	127
204 L 05 03	67,87	123	208 01 50	69,11	79	217 09	23,83	130	228 L 00 04	57,70	127
204 L 05 05	61,07	123	208 02 50	67,47	79	217 09 50	30,94	130	228 L 00 05	62,95	127
204 L 52 03	67,87	123	208 03 50	67,47	79	217 10	20,03	130	229 00	12,30	127
204 L 52 05	61,07	123	208 05 50	67,47	79	217 10 50	30,94	130	229 00 50	18,44	127
204 L 57 03	67,87	123	208 52 50	67,47	79	217 11	23,83	130	229 K 00 11	21,80	127
204 L 57 05	61,07	123	208 90 50	67,47	79	217 11 50	30,94	130	229 L 00 02	23,87	127
205 01	4,33	145	208 L 01 03	110,50	79	217 L 06 02	31,39	130	229 L 00 03	70,04	127
205 01 35	11,75	145	208 L 01 05	103,70	79	217 L 06 02	32,72	141	229 L 00 04	68,89	127
205 02	6,34	145	208 L 02 03	118,87	79	217 L 06 03	77,33	130	229 L 00 05	64,14	127
205 02 35	13,76	145	208 L 02 05	112,06	79	217 L 06 03	68,66	141	230 01 50	27,19	147
205 03	6,34	145	208 L 03 03	118,87	79	217 L 06 04	66,28	130	230 05 50	33,06	147
205 03 35	13,76	145	208 L 03 05	112,06	79	217 L 06 05	70,33	130	230 52 50	33,96	147
205 04	6,34	145	208 L 05 03	118,87	79	217 L 06 05	57,33	141	230 90 50	33,96	147
205 04 35	13,76	145	208 L 05 05	112,06	79	217 L 07 02	32,97	130	230 L 01 02	62,65	147
205 05	6,34	145	208 L 52 03	118,87	79	217 L 07 02	23,67	141	230 L 01 03	66,28	147
205 05 35	13,76	145	208 L 52 05	112,06	79	217 L 07 03	78,30	130	230 L 01 04	66,53	147
205 52	6,34	145	208 L 90 03	118,87	79	217 L 07 03	69,01	141	230 L 01 05	71,79	147
205 52 35	13,76	145	208 L 90 05	112,06	79	217 L 07 04	66,85	130	230 L 01 07	66,20	147
206 01	2,91	145	209 00 03	93,57	161	217 L 07 05	72,11	130	230 L 01 08	66,10	147
206 01 35	9,67	145	209 00 25	62,44	161	217 L 07 05	68,26	141	230 L 02 02	38,11	147
206 02	2,91	145	209 00 40	32,44	161	217 L 08 02	32,97	130	230 L 02 03	60,25	147
206 02 35	10,33	145	210 00 25	55,55	160	217 L 08 02	23,67	141	230 L 02 04	72,94	147
206 03	2,91	145	210 00 40	65,55	160	217 L 08 03	78,90	130	230 L 02 05	78,17	147
206 03 35	10,33	145	215 06	17,70	130	217 L 08 03	69,01	141	230 L 02 07	102,67	147
206 04	2,91	145	215 06 50	24,81	130	217 L 08 04	60,85	130	230 L 02 08	94,20	147
206 04 35	10,33	145	215 07	19,87	130	217 L 08 05	72,11	130	230 L 52 02	39,11	147
206 05	2,91	145	215 07 50	26,96	130	217 L 08 05	68,28	141	230 L 52 03	65,05	147
206 05 35	10,33	145	215 08	19,87	130	217 L 09 02	36,40	130	230 L 52 04	72,94	147
206 52	2,91	145	215 08 50	26,96	130	217 L 09 02	26,36	141	230 L 52 05	78,17	147
206 52 35	10,33	145	215 09	24,34	130	217 L 09 03	62,33	130	230 L 52 07	102,67	147
207 01	4,38	130	215 09 50	31,45	130	217 L 09 03	71,20	141	230 L 52 08	94,50	147

Ref	€	Pag	Ref	€	Pag	Ref	€	Pag	Ref	€	Pag
230 L 90 02	30,11	147	243 L 02 05	294,73	81	263 L 03 xx 05	274,33	83	284 02 50	16,09	130
230 L 90 03	85,05	147	243 L 02 05	294,73	81	263 L 05 xx 03	294,72	83	284 03	7,85	130
230 L 90 04	72,84	147	243 L 03 03	294,73	81	263 L 05 xx 05	274,33	83	284 03 50	16,09	130
230 L 90 05	78,17	147	243 L 03 05	294,73	81	263 L 52 xx 03	294,72	83	284 04	7,85	130
230 L 90 07	102,67	147	243 L 04 03	294,73	81	263 L 52 xx 05	274,33	83	284 04 50	16,09	130
230 L 90 08	94,50	147	243 L 04 05	294,73	81	263 L 90 xx 03	294,72	83	284 05	7,85	130
231 01 50	44,94	80	243 L 05 03	294,73	81	263 L 90 xx 05	274,33	83	284 05 50	16,09	130
231 02 50	51,31	80	243 L 05 05	294,73	81	280 01	13,47	120	284 52	7,85	130
231 03 50	51,31	80	243 L 52 03	294,73	81	280 01 50	20,57	120	284 52 50	16,09	130
231 04 50	51,31	80	243 L 52 05	294,73	81	280 02	14,77	120	284 90	7,85	130
231 05 50	51,31	80	243 L 90 03	294,73	81	280 02 50	21,87	120	284 90 50	16,09	130
231 52 50	51,31	80	243 L 90 05	294,73	81	280 52	14,77	120	284 K 01 11	15,85	130
231 90 50	51,31	80	251 01 xx 50	53,51	82	280 52 50	21,87	120	284 K 02 11	17,33	130
231 L 01 03	95,34	80	251 02 xx 50	59,13	82	280 90	14,77	120	284 K 03 11	17,33	130
231 L 01 05	89,54	80	251 03 xx 50	59,13	82	280 90 50	21,87	120	284 K 04 11	17,33	130
231 L 02 03	103,71	80	251 05 xx 50	59,13	82	280 L 01 02	30,03	120	284 K 05 11	17,33	130
231 L 02 05	95,91	80	251 52 xx 50	59,13	82	280 L 01 03	64,86	120	284 K 52 11	17,33	130
231 L 03 03	102,71	80	251 90 xx 50	59,13	82	280 L 01 05	65,17	120	284 K 90 11	17,33	130
231 L 03 05	95,91	80	251 L 01 xx 03	104,81	82	280 L 02 02	27,33	120	284 L 01 02	18,04	130
231 L 04 03	102,71	80	251 L 01 xx 05	95,11	82	280 L 02 03	66,16	120	284 L 01 03	64,86	130
231 L 04 05	95,91	80	251 L 02 xx 03	110,86	82	280 L 02 05	66,47	120	284 L 01 04	62,50	130
231 L 05 03	102,71	80	251 L 02 xx 05	104,07	82	280 L 52 02	27,33	120	284 L 01 05	66,16	130
231 L 05 05	95,91	80	251 L 03 xx 03	110,86	82	280 L 52 03	66,16	120	284 L 01 07	120,91	130
231 L 52 03	103,71	80	251 L 03 xx 05	104,07	82	280 L 52 05	66,47	120	284 L 02 02	20,42	130
231 L 52 05	95,91	80	251 L 03 xx 05	104,07	82	280 L 90 02	27,33	120	284 L 02 03	66,33	130
231 L 90 03	102,71	80	251 L 05 xx 03	110,86	82	280 L 90 03	66,16	120	284 L 02 04	64,21	130
231 L 90 05	95,91	80	251 L 05 xx 05	104,07	82	280 L 90 05	66,47	120	284 L 02 05	68,95	130
232 01 50	87,50	80	251 L 52 xx 03	110,86	82	281 01	14,19	120	284 L 02 07	122,29	130
232 02 50	86,93	80	251 L 52 xx 05	104,07	82	281 01 50	21,30	120	284 L 03 02	20,42	130
232 03 50	86,93	80	251 L 90 xx 03	110,86	82	281 02	14,77	120	284 L 03 03	66,33	130
232 04 50	86,93	80	251 L 90 xx 05	104,07	82	281 02 50	21,87	120	284 L 03 04	64,21	130
232 05 50	86,93	80	253 01 xx 50	137,50	80	281 52	14,77	120	284 L 03 05	68,95	130
232 90 50	86,93	80	253 02 xx 50	150,68	80	281 52 50	21,87	120	284 L 03 07	122,29	130
232 L 01 03	170,30	80	253 03 xx 50	150,68	80	281 90	14,77	120	284 L 04 02	20,42	130
232 L 01 05	156,70	80	253 05 xx 50	150,68	80	281 90 50	21,87	120	284 L 04 03	66,33	130
232 L 02 03	186,72	80	253 52 xx 50	150,68	80	281 L 01 02	26,75	120	284 L 04 04	64,21	130
232 L 02 05	176,13	80	253 90 xx 50	150,68	80	281 L 01 03	65,59	120	284 L 04 05	68,95	130
232 L 03 03	189,72	80	253 L 01 xx 03	291,69	80	281 L 01 04	60,64	120	284 L 04 07	122,29	130
232 L 03 05	176,13	80	253 L 01 xx 05	273,20	80	281 L 01 05	65,89	120	284 L 05 02	20,42	130
232 L 04 03	189,72	80	253 L 02 xx 03	304,88	80	281 L 02 02	27,52	120	284 L 05 03	66,33	130
232 L 04 05	176,13	80	253 L 02 xx 05	294,48	80	281 L 02 03	66,16	120	284 L 05 04	64,21	130
232 L 05 03	189,72	80	253 L 03 xx 03	304,88	80	281 L 02 04	61,40	120	284 L 05 05	68,95	130
232 L 05 05	176,13	80	253 L 03 xx 05	294,48	80	281 L 02 05	66,68	120	284 L 05 07	122,29	130
232 L 52 03	186,72	80	253 L 05 xx 03	304,88	80	281 L 52 02	27,52	120	284 L 52 02	20,42	130
232 L 52 05	176,13	80	253 L 05 xx 05	294,48	80	281 L 52 03	66,16	120	284 L 52 03	66,33	130
232 L 90 03	189,72	80	253 L 52 xx 03	304,88	80	281 L 52 04	61,40	120	284 L 52 04	64,21	130
232 L 90 05	176,13	80	253 L 52 xx 05	294,48	80	281 L 52 05	66,68	120	284 L 52 05	68,95	130
233 01 50	104,81	81	253 L 90 xx 03	304,88	80	281 L 90 02	27,52	120	284 L 52 07	122,29	130
233 02 50	122,71	81	253 L 90 xx 05	294,48	80	281 L 90 03	66,16	120	284 L 90 02	20,42	130
233 03 50	122,71	81	262 01 xx 50	81,60	82	281 L 90 04	61,40	120	284 L 90 03	66,33	130
233 04 50	122,71	81	262 02 xx 50	93,82	82	281 L 90 05	66,68	120	284 L 90 04	64,21	130
233 05 50	122,71	81	262 03 xx 50	99,82	82	282 01	12,15	121	284 L 90 05	68,95	130
233 52 50	122,71	81	262 05 xx 50	99,82	82	282 01 50	19,25	121	284 L 90 07	122,29	130
233 90 50	122,71	81	262 52 xx 50	99,82	82	282 02	14,29	121	285 01	6,59	131
233 L 01 03	259,10	81	262 90 xx 50	99,82	82	282 02 50	21,17	121	285 01 50	14,83	131
233 L 01 05	236,71	81	262 L 01 xx 03	195,02	82	282 52	14,29	121	285 02	7,97	131
233 L 02 03	276,90	81	262 L 01 xx 05	171,26	82	282 52 50	21,17	121	285 02 50	18,21	131
233 L 02 05	256,51	81	262 L 02 xx 03	205,60	82	282 90	14,29	121	285 45	7,97	131
233 L 03 03	276,90	81	262 L 02 xx 05	182,01	82	282 90 50	21,17	121	285 45 50	18,21	131
233 L 03 05	256,51	81	262 L 03 xx 03	205,60	82	282 L 01 02	25,33	121	285 52	7,97	131
233 L 04 03	276,90	81	262 L 03 xx 05	192,01	82	282 L 01 03	70,65	121	285 52 50	18,21	131
233 L 04 05	256,51	81	262 L 05 xx 03	205,60	82	282 L 01 04	59,60	121	285 90	7,97	131
233 L 05 03	276,90	81	262 L 05 xx 05	182,01	82	282 L 01 05	63,86	121	285 90 50	18,21	131
233 L 05 05	256,51	81	262 L 52 xx 03	205,60	82	282 L 02 02	26,82	121	285 70	7,97	131
233 L 52 03	276,90	81	262 L 52 xx 05	182,01	82	282 L 02 03	72,57	121	285 70 50	18,21	131
233 L 52 05	256,51	81	262 L 90 xx 03	205,60	82	282 L 02 04	60,70	121	285 90	7,97	131
233 L 90 03	276,90	81	262 L 90 xx 05	182,01	82	282 L 02 05	65,96	121	285 90 50	18,21	131
233 L 90 05	256,51	81	263 01 xx 50	121,28	83	282 L 52 02	26,82	121	285 K 01 11	16,09	131
243 01 50	116,19	81	263 02 xx 50	140,53	83	282 L 52 03	72,57	121	285 K 02 11	17,33	131
243 02 50	130,04	81	263 03 xx 50	140,53	83	282 L 52 04	60,70	121	285 K 45 11	17,33	131
243 03 50	130,04	81	263 05 xx 50	140,53	83	282 L 52 05	65,96	121	285 K 52 11	17,33	131
243 04 50	130,04	81	263 52 xx 50	140,53	83	282 L 90 02	26,82	121	285 K 60 11	17,33	131
243 05 50	130,04	81	263 90 xx 50	140,53	83	282 L 90 03	72,57	121	285 K 70 11	17,33	131
243 52 50	130,04	81	263 L 01 xx 03	279,19	83	282 L 90 04	60,70	121	285 K 90 11	17,33	131
243 90 50	130,04	81	263 L 01 xx 05	258,79	83	282 L 90 05	65,96	121	285 L 01 02	18,15	131
243 L 01 03	299,38	81	263 L 02 xx 03	294,72	83	284 01	6,47	130	285 L 01 03	60,09	131
243 L 01 05	248,99	81	263 L 02 xx 05	274,33	83	284 01 50	14,71	130	285 L 01 04	63,04	131
243 L 02 03	294,73	81	263 L 03 xx 03	294,72	83	284 02	7,85	130	285 L 01 05	68,29	131

Ref	€	Pag	Ref	€	Pag	Ref	€	Pag	Ref	€	Pag
285 L 01 07	121,02	131	286 L 52 07	120,21	132	288 L 83 02	27,29	143	292 L 02 03	155,90	274
285 L 02 02	20,53	131	287 01	3,09	133	288 L 83 03	73,43	143	292 L 02 04	144,24	274
285 L 02 03	88,47	131	287 01 50	11,40	133	288 L 83 04	61,38	143	292 L 02 05	149,49	274
285 L 02 04	54,42	131	287 02	3,96	133	288 L 83 05	66,64	143	292 L 90 02	110,35	274
285 L 02 05	59,57	131	287 02 50	12,20	133	288 L 83 07	85,49	143	292 L 90 03	155,90	274
285 L 02 07	122,40	131	287 03	3,96	133	288 L 84 02	27,29	143	292 L 90 04	144,24	274
285 L 03 02	20,53	131	287 03 50	12,20	133	288 L 84 03	73,43	143	292 L 90 05	149,49	274
285 L 03 03	66,47	131	287 04	3,96	133	288 L 84 04	61,38	143	293 01 50	86,56	54
285 L 03 04	54,42	131	287 04 50	12,20	133	288 L 84 05	66,64	143	293 02 50	90,27	54
285 L 03 05	59,57	131	287 05	3,96	133	288 L 84 07	85,49	143	293 02 50	90,27	54
285 L 03 07	122,40	131	287 05 50	12,20	133	288 L 85 02	27,29	143	293 90 50	90,27	54
285 L 04 02	20,53	131	287 52	3,96	133	288 L 85 03	73,43	143	293 L 01 02	90,27	54
285 L 04 03	66,47	131	287 52 50	12,20	133	288 L 85 04	61,38	143	293 L 01 03	143,41	54
285 L 04 04	54,42	131	287 K 01 11	12,60	133	288 L 85 05	66,64	143	293 L 01 04	125,90	54
285 L 04 05	60,57	131	287 K 02 11	13,44	133	288 L 85 07	85,49	143	293 L 01 05	131,16	54
285 L 04 07	120,40	131	287 K 03 11	13,44	133	288 L 86 02	27,29	143	293 L 02 02	98,73	54
285 L 05 02	20,53	131	287 K 04 11	13,44	133	288 L 86 03	73,43	143	293 L 02 03	150,13	54
285 L 05 03	66,47	131	287 K 05 11	13,44	133	288 L 86 04	61,38	143	293 L 02 04	132,62	54
285 L 05 04	54,42	131	287 K 52 11	13,44	133	288 L 86 05	66,64	143	293 L 02 05	137,87	54
285 L 05 05	59,57	131	287 L 01 02	15,72	133	288 L 86 07	85,49	143	293 L 52 02	98,73	54
285 L 05 07	122,40	131	287 L 01 03	61,66	133	289 01 50	51,39	115	293 L 52 03	150,13	54
285 L 52 02	20,53	131	287 L 01 04	49,61	133	289 02 50	52,93	115	293 L 52 04	132,62	54
285 L 52 03	66,47	131	287 L 01 05	64,99	133	289 90 50	52,93	115	293 L 52 05	137,87	54
285 L 52 04	54,42	131	287 L 01 07	117,58	133	289 L 01 03	102,79	115	293 L 90 02	98,73	54
285 L 52 05	59,57	131	287 L 02 02	16,50	133	289 L 01 04	90,37	115	293 L 90 03	150,13	54
285 L 52 07	122,40	131	287 L 02 03	62,46	133	289 L 01 05	95,62	115	293 L 90 04	132,62	54
285 L 90 02	20,53	131	287 L 02 04	60,41	133	289 L 02 03	105,87	115	293 L 90 05	137,87	54
285 L 90 03	66,47	131	287 L 02 05	65,67	133	289 L 02 04	93,23	115	295 01 04	77,19	78
285 L 90 04	54,42	131	287 L 02 07	118,39	133	289 L 02 05	98,51	115	295 01 50	25,13	78
285 L 90 05	59,57	131	287 L 03 02	16,50	133	289 L 02 06	105,87	115	295 02 04	67,28	78
285 L 90 07	122,40	131	287 L 03 03	67,86	133	289 L 90 03	105,87	115	295 02 50	36,27	78
286 01	4,70	132	287 L 03 04	50,41	133	289 L 90 04	93,23	115	295 03 04	67,28	78
286 01 50	12,94	132	287 L 03 05	55,67	133	289 L 90 05	98,51	115	295 03 50	36,27	78
286 02	5,88	132	287 L 03 07	118,39	133	290 01 50	43,46	115	295 03 50	67,28	78
286 02 50	14,12	132	287 L 04 02	16,50	133	290 02 50	43,46	115	295 05 04	35,22	78
286 03	5,88	132	287 L 04 03	62,46	133	290 90 50	43,46	115	295 05 50	35,22	78
286 03 50	14,12	132	287 L 04 04	50,41	133	290 L 01 02	47,66	115	295 52 04	67,28	78
286 04	5,88	132	287 L 04 05	67,34	133	290 L 01 03	93,60	115	295 52 50	35,22	78
286 04 50	14,12	132	287 L 04 07	118,39	133	290 L 01 04	61,55	115	295 90 04	67,28	78
286 05	5,88	132	287 L 05 02	16,50	133	290 L 01 05	86,80	115	295 90 50	35,22	78
286 05 50	14,12	132	287 L 05 03	62,46	133	290 L 02 02	49,08	115	296 01 04	67,28	78
286 52	5,88	132	287 L 05 04	50,41	133	290 L 02 03	96,40	115	296 01 50	29,87	78
286 52 50	14,12	132	287 L 05 05	65,67	133	290 L 02 04	84,15	115	296 02 04	122,40	78
286 K 01 11	14,18	132	287 L 05 06	118,39	133	290 L 02 05	80,40	115	296 02 50	35,12	78
286 K 02 11	15,25	132	287 L 05 07	118,39	133	290 L 90 02	49,08	115	296 03 04	122,40	78
286 K 03 11	15,25	132	287 L 52 02	16,50	133	290 L 90 03	96,40	115	296 03 50	35,12	78
286 K 04 11	15,25	132	287 L 52 03	62,46	133	290 L 90 04	84,15	115	296 05 04	122,40	78
286 K 05 11	15,25	132	287 L 52 04	60,41	133	290 L 90 05	89,40	115	296 05 50	35,12	78
286 K 52 11	15,25	132	287 L 52 05	65,67	133	291 01	32,86	125	296 52 04	122,40	78
286 L 01 02	17,27	132	287 L 52 07	118,39	133	291 01 50	29,97	125	296 52 50	35,12	78
286 L 01 03	63,21	132	287 L 90 02	16,50	133	291 02	26,36	125	296 90 04	122,40	78
286 L 01 04	61,16	132	288 91	14,80	143	291 02 50	33,24	125	296 90 50	35,12	78
286 L 01 05	50,41	132	288 91 50	27,04	143	291 03	26,36	125	297 01	13,10	124
286 L 01 07	119,14	132	288 92	14,80	143	291 03 50	33,24	125	297 02	18,74	124
286 L 02 02	16,44	132	288 92 50	22,04	143	291 05	26,36	125	297 03	18,74	124
286 L 02 03	64,38	132	288 93	14,80	143	291 05 50	33,24	125	297 05	18,74	124
286 L 02 04	52,33	132	288 93 50	22,04	143	291 56	26,36	125	298 01	3,18	134
286 L 02 05	57,58	132	288 94	14,80	143	291 56 50	33,24	125	298 01 50	10,42	134
286 L 02 07	120,31	132	288 94 50	22,04	143	291 L 01 03	61,37	125	298 02	3,29	134
286 L 03 02	16,44	132	288 95	14,80	143	291 L 01 05	74,57	125	298 02 50	11,53	134
286 L 03 03	64,38	132	288 95 50	27,04	143	291 L 02 03	84,64	125	298 03	3,29	134
286 L 03 04	64,38	132	288 96	14,80	143	291 L 02 05	78,03	125	298 03 50	11,53	134
286 L 03 05	67,58	132	288 96 50	22,04	143	291 L 03 03	84,64	125	298 04	3,29	134
286 L 03 07	120,31	132	288 K 91 11	24,41	143	291 L 03 05	78,03	125	298 04 50	11,53	134
286 L 04 02	18,44	132	288 K 92 11	24,41	143	291 L 05 03	84,64	125	298 05 50	11,53	134
286 L 04 03	64,38	132	288 K 93 11	24,41	143	291 L 05 05	78,03	125	298 52	3,29	134
286 L 04 04	62,33	132	288 K 94 11	24,41	143	291 L 56 03	84,64	125	298 52 50	11,53	134
286 L 04 05	67,58	132	288 K 95 11	24,41	143	291 L 56 05	78,03	125	298 K 01 11	11,65	134
286 L 04 07	120,31	132	288 K 96 11	24,41	143	292 01 07	160,97	274	298 K 02 11	12,77	134
286 L 05 02	18,44	132	288 L 91 02	27,29	143	292 01 50	98,22	274	298 K 03 11	12,77	134
286 L 05 03	64,38	132	288 L 91 03	73,43	143	292 02 07	167,70	274	298 K 04 11	12,77	134
286 L 05 04	60,33	132	288 L 91 04	61,38	143	292 02 50	104,58	274	298 K 05 11	12,77	134
286 L 05 05	67,58	132	288 L 91 05	60,04	143	292 90 07	167,70	274	298 K 52 11	12,77	134
286 L 05 07	120,31	132	288 L 91 07	85,49	143	292 90 50	104,58	274	298 L 01 02	14,74	134
286 L 52 02	18,44	132	288 L 92 02	27,29	143	292 L 01 02	100,67	274	298 L 01 03	60,79	134
286 L 52 03	64,38	132	288 L 92 03	73,43	143	292 L 01 03	149,61	274	298 L 01 04	48,66	134
286 L 52 04	62,33	132	288 L 92 04	61,38	143	292 L 01 04	137,56	274	298 L 01 05	64,91	134
286 L 52 05	67,58	132	288 L 92 05	66,64	143	292 L 01 05	142,81	274	298 L 01 07	72,73	134
286 L 52 06	67,58	132	288 L 92 07	85,49	143	292 L 02 02	110,35	274	298 L 02 02	15,86	134

Ref	€	Pag	Ref	€	Pag	Ref	€	Pag	Ref	€	Pag
298 L 02 03	61,00	134	304 52 75	8,90	154	342 03 60	55,85	84	402 L 01 08	86,75	232
298 L 02 04	48,85	134	304 90	6,74	154	342 52	55,67	84	402 L 01 12	162,30	232
298 L 02 05	55,00	134	304 90 75	8,90	154	342 52 06	105,30	84	402 L 02 00	98,33	232
298 L 02 07	73,85	134	305 01	4,94	154	342 52 60	55,85	84	402 L 02 12	188,92	232
298 L 03 02	15,85	134	305 01 10	7,93	154	342 90	50,57	84	402 L 03 00	98,33	232
298 L 03 03	61,80	134	305 03	7,19	154	342 90 06	165,00	84	402 L 03 12	188,92	232
298 L 03 04	48,88	134	305 03 10	10,18	154	342 90 60	54,89	84	402 L 05 00	98,33	232
298 L 03 05	55,00	134	305 05	7,19	154	343 01	34,91	85	402 L 52 00	98,33	232
298 L 03 07	73,85	134	305 05 10	10,18	154	343 01 06	206,41	85	402 L 52 12	188,92	232
298 L 04 02	15,85	134	305 52	7,19	154	343 01 60	43,25	85	402 L 90 00	98,33	232
298 L 04 03	61,80	134	305 52 10	10,18	154	343 02	67,25	85	402 L 90 12	188,92	232
298 L 04 04	48,85	134	305 90	7,19	154	343 02 06	247,33	85	403 01	17,21	233
298 L 04 05	55,00	134	305 90 10	10,18	154	343 02 60	76,02	85	403 01 06	75,10	233
298 L 04 07	73,85	134	306 01	13,20	153	343 03	67,25	85	403 01 00 84	26,18	233
298 L 05 02	15,85	134	306 01 06	72,53	153	343 03 06	247,33	85	403 01 13 84	26,19	233
298 L 05 03	61,80	134	306 03	18,00	153	343 03 60	76,02	85	403 01 18 84	26,20	233
298 L 05 04	48,85	134	306 03 06	77,33	153	343 52	67,25	85	403 02	19,36	233
298 L 05 05	55,00	134	306 05	18,00	153	343 52 06	247,33	85	403 02 06	76,18	233
298 L 05 07	73,85	134	306 05 06	77,33	153	343 52 60	76,02	85	403 02 00 84	29,27	233
298 L 52 02	15,85	134	306 52	18,00	153	343 90	67,25	85	403 02 13 84	26,28	233
298 L 52 03	61,80	134	306 52 06	77,33	153	343 90 06	247,33	85	403 02 18 84	29,29	233
298 L 52 04	48,85	134	306 90	18,00	153	343 90 60	76,02	85	403 03	19,36	233
298 L 52 05	55,00	134	306 90 06	77,33	153	343 90 60	76,02	85	403 03 06	76,18	233
298 L 52 07	73,85	134	331 01	12,60	84	350 06 50	51,58	276	403 03 00 84	29,27	233
299 01 25	32,95	148	331 01 06	69,77	84	350 07 50	51,58	276	403 03 13 84	29,28	233
299 01 40	32,95	148	331 01 60	15,38	84	350 08 50	50,09	276	403 03 18 84	29,29	233
299 01 60	32,95	148	331 02	22,66	84	350 09 50	50,09	276	403 05	18,36	233
299 01 75	32,95	148	331 02 06	79,82	84	351 01	38,51	276	403 05 06	76,18	233
299 05 25	37,28	148	331 02 60	26,47	84	351 01 06	96,57	276	403 05 00 84	29,27	233
299 05 40	37,28	148	331 03	22,66	84	351 01 60	42,60	276	403 05 13 84	29,28	233
299 05 60	37,28	148	331 03 06	79,82	84	351 02	41,14	276	403 05 18 84	29,29	233
299 05 75	37,28	148	331 03 60	26,47	84	351 02 06	96,31	276	403 52	19,36	233
299 52 25	37,28	148	331 05 06	79,82	84	351 02 60	44,23	276	403 52 06	76,18	233
299 52 40	37,28	148	331 52	22,66	84	351 03	41,14	276	403 52 00 84	29,27	233
299 52 60	37,28	148	331 52 06	79,82	84	351 03 06	96,31	276	403 52 13 84	29,28	233
299 52 75	37,28	148	331 52 60	26,47	84	351 03 60	44,23	276	403 52 18 84	29,29	233
299 90 25	37,28	148	331 90	22,66	84	351 04	41,14	276	403 90	18,36	233
299 90 40	37,28	148	331 90 06	79,82	84	351 04 06	96,31	276	403 90 06	76,18	233
299 90 60	37,28	148	331 90 60	26,47	84	351 04 60	44,23	276	403 90 00 84	29,27	233
299 90 75	37,28	148	332 01	26,35	85	351 05	41,14	276	403 90 13 84	29,28	233
300			332 01 06	130,68	85	351 05 06	96,31	276	403 90 18 84	29,29	233
301 01	8,56	152	332 01 60	27,91	85	351 05 60	44,23	276	403 L 01 00	83,13	233
301 01 45	52,05	152	332 02	41,50	85	400			403 L 02 00	85,28	233
301 03	12,86	152	332 02 06	167,27	85	401 01	18,03	231	403 L 03 00	85,28	233
301 03 45	64,06	152	332 02 60	43,30	85	401 02	19,77	231	403 L 04 00	85,28	233
301 05	12,86	152	332 03	41,50	85	401 03	19,77	231	403 L 05 00	85,28	233
301 05 45	64,06	152	332 03 06	167,27	85	401 05	19,77	231	403 L 52 00	85,28	233
301 52	12,86	152	332 03 60	43,30	85	401 52	19,77	231	403 L 90 00	85,28	233
301 52 45	64,06	152	332 52	41,50	85	401 90	19,77	231	404 01 13 84	77,76	204
301 90	12,86	152	332 52 06	167,27	85	401 L 01 00	81,95	231	404 01 14 84	82,79	204
301 90 45	64,06	152	332 52 60	43,30	85	401 L 02 00	85,69	231	404 01 17 84	82,80	204
302 01	4,26	152	332 90	41,50	85	401 L 03 00	85,69	231	404 01 18 84	77,77	204
302 01 45	50,82	152	332 90 06	167,27	85	401 L 05 00	85,69	231	404 01 26 84	77,78	204
302 03	5,23	152	332 90 60	43,30	85	401 L 52 00	85,69	231	404 01 32 84	83,84	204
302 03 45	51,70	152	332 90 60	43,30	85	401 L 90 00	85,69	231	404 01 42 84	83,85	204
302 05	5,23	152	333 01	20,47	85	402 01 00 84	34,23	232	404 01 144	129,70	204
302 05 45	51,70	152	333 01 06	204,87	85	402 01 13 84	34,23	232	404 02 13 84	80,87	204
302 52	5,23	152	333 01 60	29,96	85	402 01 18 84	34,24	232	404 02 14 84	85,68	204
302 52 45	51,70	152	333 02	84,25	85	402 02	24,58	232	404 02 17 84	85,89	204
302 90	5,23	152	333 02 06	255,74	85	402 02 00 84	24,23	232	404 02 18 84	80,89	204
302 90 45	51,70	152	333 02 60	90,74	85	402 02 13 84	46,36	232	404 02 26 84	80,90	204
303 01	4,82	153	333 03	84,25	85	402 02 18 84	40,37	232	404 02 32 84	87,03	204
303 01 06	64,14	153	333 03 06	255,74	85	402 03	30,69	232	404 02 42 84	87,04	204
303 03	6,39	153	333 03 60	90,74	85	402 03 00 84	40,36	232	404 52 13 84	80,87	204
303 03 06	65,71	153	333 52	84,25	85	402 03 13 84	40,36	232	404 52 14 84	85,88	204
303 05	6,39	153	333 52 06	255,74	85	402 03 18 84	40,37	232	404 52 17 84	85,89	204
303 05 06	65,71	153	333 52 60	90,74	85	402 05	30,69	232	404 52 18 84	80,89	204
303 52	6,39	153	333 90	84,25	85	402 05 00 84	40,36	232	404 52 26 84	80,90	204
303 52 06	65,71	153	333 90 06	255,74	85	402 05 13 84	40,36	232	404 52 32 84	87,03	204
303 90	6,39	153	333 90 60	90,74	85	402 05 18 84	40,37	232	404 52 42 84	87,04	204
303 90 06	65,71	153	342 01	25,64	84	402 52	30,69	232	404 52 144	132,90	204
304 01	4,82	154	342 01 06	139,97	84	402 52 00 84	40,36	232	404 90 144	132,90	204
304 01 75	7,08	154	342 01 60	21,82	84	402 52 13 84	40,36	232	405 01 13 84	88,47	204
304 03	6,74	154	342 02	50,67	84	402 52 18 84	40,37	232	405 01 14 84	92,96	204
304 03 75	8,90	154	342 02 06	165,00	84	402 90	30,69	232	405 01 17 84	92,97	204
304 05	6,74	154	342 02 60	55,85	84	402 90 00 84	40,36	232	405 01 18 84	88,43	204
304 05 75	8,90	154	342 03	50,67	84	402 90 13 84	40,36	232	405 01 26 84	88,44	204
304 52	6,74	154	342 03 06	165,00	84	402 90 18 84	40,37	232	405 01 32 84	92,97	204

Ref	€	Pag	Ref	€	Pag	Ref	€	Pag	Ref	€	Pag
405 01 42 84	95,28	204	427 01 18 84	37,61	206	440 05 09 84	103,10	216	444 52 13 84	52,48	202
405 01 144	102,00	204	427 05 18 84	44,51	206	440 05 13 84	103,12	216	444 52 14 84	107,18	202
405 02 13 84	91,56	204	427 52 18 84	44,18	206	440 05 14	207,15	217	444 52 17 84	107,20	202
405 02 14 84	95,89	204	427 90 18 84	44,51	206	440 05 18 84	103,14	216	444 52 18 84	52,50	202
405 02 17 84	95,90	204	428 01 26 84	37,62	206	440 05 26 84	103,16	216	444 52 26 84	52,53	202
405 02 18 84	91,57	204	428 02 31 88	237,51	170	440 05 32 84	166,09	216	444 52 32 84	100,48	202
405 02 26 84	91,58	204	428 05 20 84	44,52	206	440 05 42 84	106,10	216	444 52 42 84	108,00	202
405 02 32 84	98,39	204	428 05 31 88	237,51	170	440 52 09 84	103,10	216	444 90 09 84	52,46	202
405 02 42 84	98,39	204	428 52 26 84	44,52	206	440 52 13 84	103,12	216	444 90 13 84	52,48	202
405 52 13 84	91,56	204	428 52 31 88	237,51	170	440 52 14	207,15	217	444 90 14 84	107,18	202
405 52 14 84	95,89	204	428 90 20 84	44,52	206	440 52 18 84	103,14	216	444 90 17 84	107,20	202
405 52 17 84	95,90	204	428 90 31 88	233,08	170	440 52 26 84	103,16	216	444 90 18 84	52,50	202
405 52 18 84	91,57	204	428 90 31 88	237,51	170	440 52 32 84	166,09	216	444 90 26 84	52,53	202
405 52 26 84	91,58	204	431 01 84	57,99	192	440 52 42 84	166,10	216	444 90 32 84	100,48	202
405 52 32 84	98,39	204	431 52 84	81,18	192	440 90 09 84	103,11	216	444 90 42 84	108,00	202
405 52 42 84	98,39	204	431 90 84	81,18	192	440 90 13 84	103,13	216	445 01 18 84	194,27	209
405 52 144	195,56	204	432 01 84	87,89	192	440 90 14	207,15	217	445 02 18 84	195,23	209
405 90 144	195,56	204	432 52 84	81,18	192	440 90 18 84	103,15	216	445 02 18 84	195,23	209
413 01	28,49	234	432 90 84	81,18	192	440 90 26 84	103,17	216	445 56 18 84	195,23	209
413 02	32,15	234	433 01 84	57,99	192	440 90 32 84	166,09	216	446 01 26 84	194,28	209
413 03	32,15	234	433 52 84	81,18	192	440 90 42 84	161,11	216	446 02 26 84	195,24	209
413 05	32,15	234	433 90 84	81,18	192	441 01 18 84	144,87	209	446 56 26 84	195,24	209
413 52	32,15	234	434 01 14	110,15	192	441 02 18 84	149,37	209	446 90 26 84	195,24	209
413 90	32,15	234	434 01 84	57,99	192	441 56 18 84	149,37	209	455 01 09 84	36,50	212
417 01 09 84	29,42	234	434 52 14	133,44	192	441 90 18 84	149,37	209	455 01 13 84	36,51	212
417 02 09 84	36,15	234	434 52 84	81,18	192	442 01 26 84	144,98	209	455 01 14	89,52	213
417 03 09 84	36,15	234	434 90 14	133,44	192	442 02 26 84	149,38	209	455 01 14 84	82,40	212
417 05 09 84	36,15	234	434 90 84	81,18	192	442 56 26 84	149,38	209	455 01 17 84	82,41	212
417 52 09 84	36,15	234	435 01 84	64,35	192	442 56 26 84	149,38	209	455 01 18 84	36,52	212
417 90 09 84	36,15	234	435 52 84	87,21	192	443 01 09 84	40,04	202	455 01 26 84	36,52	212
418 01 13 84	29,42	234	435 90 84	87,21	192	443 01 14 84	82,50	202	455 01 32 84	63,60	212
418 02 13 84	36,16	234	436 01 84	64,35	192	443 01 17 84	80,04	202	455 01 42 84	93,94	212
418 03 13 84	36,16	234	436 52 84	87,21	192	443 01 18 84	40,08	202	455 02 14	90,89	213
418 05 13 84	36,16	234	436 90 84	87,21	192	443 01 26 84	40,10	202	455 05 09 84	47,69	212
418 52 13 84	36,16	234	437 01 84	64,35	192	443 01 32 84	84,07	202	455 05 13 84	47,64	212
418 90 13 84	36,16	234	437 52 84	87,21	192	443 01 42 84	84,09	202	455 05 14 84	90,90	212
419 01 18 84	29,44	234	437 90 84	87,21	192	443 05 09 84	46,02	202	455 05 17 84	95,67	212
419 02 18 84	29,44	234	438 01 14	198,80	192	443 05 13 84	46,04	202	455 05 18 84	47,69	212
419 03 18 84	36,17	234	438 01 14	191,73	192	443 05 14 84	88,06	202	455 05 26 84	47,69	212
419 05 18 84	36,17	234	438 01 14	191,73	192	443 05 17 84	88,08	202	455 05 32 84	90,90	212
419 52 18 84	36,17	234	438 01 84	64,35	192	443 05 18 84	40,08	202	455 05 42 84	90,91	212
419 90 18 84	36,17	234	438 52 84	87,21	192	443 05 26 84	46,08	202	455 52 09 84	47,69	212
420 01 14	61,40	234	438 90 84	87,21	192	443 05 32 84	90,00	202	455 52 13 84	47,64	212
420 01 26 84	29,45	234	439 01 09 84	82,77	216	443 05 42 84	90,11	202	455 52 14	90,89	213
420 02 14	86,10	234	439 01 13 84	82,79	216	443 52 09 84	46,02	202	455 52 14 84	95,69	212
420 02 26 84	29,45	234	439 01 14	134,70	217	443 52 13 84	46,04	202	455 52 17 84	95,67	212
420 03 14	86,10	234	439 01 18 84	82,81	216	443 52 14 84	88,06	202	455 52 18 84	47,69	212
420 03 26 84	36,18	234	439 01 26 84	82,83	216	443 52 17 84	88,08	202	455 52 26 84	47,69	212
420 05 09	86,10	234	439 01 32 84	129,81	216	443 52 18 84	46,08	202	455 52 32 84	90,90	212
420 05 26 84	36,18	234	439 01 42 84	129,83	216	443 52 26 84	46,08	202	455 52 42 84	95,69	212
420 52 14	86,10	234	439 05 09 84	95,77	216	443 52 32 84	90,00	202	455 90 09 84	47,69	212
420 52 26 84	36,18	234	439 05 13 84	95,79	216	443 52 42 84	90,11	202	455 90 13 84	47,64	212
420 90 14	86,10	234	439 05 14	148,60	217	443 90 09 84	46,02	202	455 90 14	99,89	213
420 90 26 84	36,18	234	439 05 18 84	95,82	216	443 90 13 84	46,06	202	455 90 14 84	95,69	212
421 01 09 84	32,18	206	439 05 26 84	95,84	216	443 90 13 84	46,04	202	455 90 17 84	95,67	212
421 05 09 84	36,19	206	439 05 32 84	145,99	216	443 90 14 84	88,06	202	455 90 18 84	47,69	212
421 52 09 84	36,19	206	439 05 42 84	140,00	216	443 90 17 84	88,08	202	455 90 26 84	47,69	212
421 90 09 84	36,19	206	439 52 09 84	95,77	216	443 90 18 84	46,08	202	455 90 32 84	90,90	212
422 01 13 84	32,18	206	439 52 13 84	95,79	216	443 90 26 84	46,08	202	455 90 42 84	96,81	212
422 05 13 84	36,20	206	439 52 14	148,60	217	443 90 32 84	90,09	202	456 01 09 84	41,54	212
422 52 13 84	36,20	206	439 52 18 84	95,82	216	443 90 42 84	90,11	202	456 01 13 84	41,56	212
422 90 13 84	36,20	206	439 52 26 84	95,84	216	444 01 09 84	46,18	202	456 01 14	155,60	213
423 01 18 84	32,20	206	439 52 32 84	145,99	216	444 01 13 84	46,18	202	456 01 14 84	100,44	212
423 05 18 84	36,21	206	439 52 42 84	140,00	216	444 01 14 84	100,26	202	456 01 17 84	100,46	212
423 52 18 84	36,21	206	439 90 09 84	95,77	216	444 01 17 84	100,28	202	456 01 18 84	41,56	212
423 90 18 84	36,21	206	439 90 13 84	95,79	216	444 01 18 84	46,20	202	456 01 26 84	41,57	212
424 01 26 84	32,20	206	439 90 14	148,60	217	444 01 26 84	46,22	202	456 01 32 84	102,75	212
424 05 26 84	36,22	206	439 90 18 84	95,82	216	444 01 32 84	102,26	202	456 01 42 84	102,76	212
424 52 26 84	36,22	206	439 90 26 84	95,84	216	444 01 42 84	102,28	202	456 02 14	166,20	213
424 90 26 84	36,22	206	439 90 32 84	145,99	216	444 05 09 84	52,48	202	456 05 09 84	61,92	212
425 01 09 84	37,59	206	439 90 42 84	140,00	216	444 05 13 84	52,48	202	456 05 13 84	61,93	212
425 05 09 84	44,49	206	440 01 09 84	85,53	216	444 05 14 84	107,18	202	456 05 14 84	114,20	212
425 52 09 84	44,49	206	440 01 13 84	85,54	216	444 05 17 84	107,20	202	456 05 17 84	114,21	212
425 90 09 84	44,49	206	440 01 14	189,50	217	444 05 18 84	52,50	202	456 05 18 84	61,94	212
426 01 13 84	37,60	206	440 01 18 84	85,50	216	444 05 26 84	52,53	202	456 05 26 84	61,95	212
426 05 13 84	44,50	206	440 01 26 84	85,56	216	444 05 32 84	109,48	202	456 05 32 84	116,51	212
426 52 13 84	44,50	206	440 01 32 84	148,53	216	444 05 42 84	109,50	202	456 05 42 84	116,52	212
426 90 13 84	44,50	206	440 01 42 84	148,54	216	444 52 09 84	52,48	202	456 52 09 84	61,92	212

Ref	€	Pag	Ref	€	Pag	Ref	€	Pag	Ref	€	Pag
456 52 13 84	51,33	212	459 07 26 84	89,64	224	469 52 09 84	86,95	418	476 52 13 84	99,03	210
456 52 14	189,20	213	459 08 09 84	89,61	224	469 52 13 84	86,97	418	476 90 13 84	99,83	210
456 52 14 84	114,20	212	459 08 13 84	89,62	224	469 52 14 84	134,95	418	477 01 18 84	99,02	210
456 52 17 84	114,21	212	459 08 18 84	89,63	224	469 52 17 84	134,97	418	477 03 18 84	99,84	210
456 52 18 84	51,34	212	459 08 26 84	89,64	224	469 52 18 84	86,99	418	477 05 18 84	99,84	210
456 52 26 84	51,95	212	459 09 09 84	89,61	224	469 52 26 84	87,01	418	477 52 18 84	99,84	210
456 52 32 84	116,01	212	459 09 13 84	89,62	224	469 52 32 84	120,05	418	477 90 18 84	99,04	210
456 52 42 84	116,02	212	459 09 18 84	89,63	224	469 52 42 84	120,07	418	478 01 14	194,03	210
456 90 09 84	51,32	212	459 09 26 84	89,64	224	469 52 144	139,30	418	478 01 26 84	99,03	210
456 90 13 84	51,33	212	459 10 09 84	89,61	224	469 90 09 84	86,95	418	478 03 14	203,65	210
456 90 14	189,20	213	459 10 13 84	89,62	224	469 90 13 84	86,96	418	478 03 26 84	99,85	210
456 90 14 84	114,20	212	459 10 18 84	89,63	224	469 90 14 84	134,95	418	478 05 14	203,65	210
456 90 17 84	114,21	212	459 10 26 84	89,64	224	469 90 17 84	134,97	418	478 05 26 84	99,85	210
456 90 18 84	51,34	212	459 11 09 84	89,61	224	469 90 18 84	86,99	418	478 52 14	203,65	210
456 90 26 84	51,35	212	459 11 13 84	89,62	224	469 90 26 84	87,01	418	478 52 26 84	99,85	210
456 90 32 84	116,01	212	459 11 18 84	89,63	224	469 90 32 84	120,05	418	478 90 14	203,65	210
456 90 42 84	116,02	212	459 11 26 84	89,64	224	469 90 42 84	120,07	418	478 90 26 84	99,85	210
458 06 09 84	79,85	224	459 12 09 84	89,61	224	469 90 144	139,30	418	479 01 13 84	164,26	211
458 06 13 84	79,86	224	459 12 13 84	89,62	224	470 01 09 84	84,17	417	479 02 13 84	168,86	211
458 06 14	127,00	224	459 12 18 84	89,63	224	470 01 13 84	84,19	417	479 56 13 84	168,86	211
458 06 14	189,00	224	459 12 26 84	89,64	224	470 01 14 84	141,83	417	480 01 18 84	164,27	211
458 06 14	119,30	228	461 06 09 84	89,77	229	470 01 17 84	141,85	417	480 02 18 84	168,86	211
458 06 14	100,74	228	461 07 09 84	89,77	229	470 01 18 84	84,21	417	480 56 18 84	168,86	211
458 06 18 84	79,89	224	461 08 09 84	89,77	229	470 01 26 84	84,23	417	481 01 14	300,28	211
458 06 26 84	79,90	224	461 09 09 84	89,77	229	470 01 31 86	279,29	171	481 01 26 84	164,28	211
458 07 09 84	79,91	224	461 10 09 84	89,77	229	470 01 144	198,90	417	481 02 14	324,80	211
458 07 13 84	79,92	224	461 11 09 84	89,77	229	470 02 31 86	289,51	171	481 02 26 84	168,87	211
458 07 14	131,68	224	462 06 13 84	89,78	229	470 03 31 86	289,51	171	481 56 14	324,80	211
458 07 14	103,00	224	462 07 13 84	89,78	229	470 05 31 86	289,51	171	481 56 26 84	168,87	211
458 07 14	121,10	228	462 08 13 84	89,78	229	470 52 09 84	93,48	417	482 01 13 84	213,79	211
458 07 14	189,23	228	462 08 18 84	89,79	229	470 52 13 84	93,50	417	482 02 13 84	213,74	211
458 07 18 84	79,98	224	462 09 13 84	89,79	229	470 52 14 84	154,21	417	482 56 13 84	213,74	211
458 07 26 84	79,99	224	462 10 13 84	89,79	229	470 52 17 84	154,23	417	483 01 18 84	213,79	211
458 08 09 84	79,99	224	463 06 18 84	89,80	229	470 52 18 84	93,52	417	483 02 18 84	213,75	211
458 08 13 84	79,99	224	463 07 18 84	89,80	229	470 52 26 84	93,54	417	483 56 18 84	213,75	211
458 08 14	131,68	224	463 08 18 84	89,80	229	470 52 31 86	289,51	171	484 01 14	421,80	211
458 08 14	103,00	224	463 09 18 84	89,80	229	470 52 144	198,90	417	484 01 26 84	213,80	211
458 08 14	121,10	228	463 10 18 84	89,80	229	470 90 09 84	93,48	417	484 02 14	423,80	211
458 08 14	189,23	228	463 11 18 84	89,80	229	470 90 13 84	93,50	417	484 02 26 84	322,23	211
458 08 18 84	79,98	224	464 06 26 84	89,81	229	470 90 14 84	154,21	417	484 56 14	423,80	211
458 08 26 84	79,99	224	464 07 26 84	89,80	229	470 90 17 84	154,23	417	484 56 26 84	322,23	211
458 09 09 84	79,99	224	464 08 26 84	89,80	229	470 90 18 84	93,52	417	485 01 84	73,27	222
458 09 13 84	79,99	224	464 09 26 84	89,80	229	470 90 26 84	93,54	417	485 05 84	79,82	222
458 09 14	131,68	224	464 10 26 84	89,80	229	470 90 31 86	289,51	171	485 52 84	79,82	222
458 09 14	103,00	224	464 11 26 84	89,80	229	470 90 144	198,90	417	485 90 84	79,82	222
458 09 14	121,10	228	465 06 09 84	79,71	229	471 01 09 84	79,28	210	486 01 84	73,48	222
458 09 14	189,23	228	465 07 09 84	79,70	229	471 03 09 84	89,77	210	486 05 84	79,82	222
458 09 18 84	79,98	224	465 08 09 84	79,70	229	471 05 09 84	89,77	210	486 52 84	79,82	222
458 09 26 84	79,99	224	465 09 09 84	79,70	229	471 52 09 84	89,77	210	486 90 84	79,82	222
458 10 09 84	79,99	224	465 10 09 84	79,70	229	471 90 09 84	89,77	210	487 01 84	73,50	222
458 10 13 84	79,99	224	465 11 09 84	79,70	229	472 01 13 84	79,27	210	487 05 84	79,84	222
458 10 14	131,68	224	466 06 13 84	79,71	229	472 03 13 84	89,73	210	487 52 84	79,84	222
458 10 14	103,00	224	466 07 13 84	79,71	229	472 05 13 84	89,73	210	487 90 84	79,84	222
458 10 14	121,10	228	466 08 13 84	79,71	229	472 52 13 84	89,73	210	488 01 14	125,25	223
458 10 14	189,23	228	466 09 13 84	79,71	229	472 90 13 84	89,73	210	488 01 84	73,52	222
458 10 18 84	79,98	224	466 10 13 84	79,71	229	473 01 18 84	79,28	210	488 05 14	131,80	223
458 10 26 84	79,99	224	466 11 13 84	79,71	229	473 03 18 84	89,74	210	488 05 84	79,86	222
458 11 09 84	79,99	224	467 06 18 84	79,73	229	473 05 18 84	89,74	210	488 52 14	131,80	223
458 11 13 84	79,99	224	467 07 18 84	79,73	229	473 52 18 84	89,74	210	488 52 84	79,86	222
458 11 14	131,68	224	467 08 18 84	79,73	229	473 90 18 84	89,74	210	488 90 14	131,80	223
458 11 14	103,00	224	467 09 18 84	79,73	229	474 01 14	128,26	210	488 90 84	79,86	222
458 11 14	121,10	228	467 10 18 84	79,73	229	474 01 26 84	79,29	210	489 01 84	89,80	222
458 11 14	189,23	228	467 11 18 84	79,73	229	474 03 14	138,78	210	489 05 84	87,20	222
458 11 18 84	79,98	224	468 06 26 84	79,74	229	474 03 26 84	89,75	210	489 52 84	87,20	222
458 11 26 84	79,99	224	468 07 26 84	79,73	229	474 05 14	138,75	210	489 90 84	87,20	222
458 12 09 84	79,99	224	468 08 26 84	79,73	229	474 05 26 84	89,75	210	490 01 84	89,85	222
458 12 13 84	79,99	224	468 09 26 84	79,73	229	474 52 14	138,75	210	490 05 84	87,24	222
458 12 14	131,68	224	468 10 26 84	79,73	229	474 52 26 84	89,75	210	490 52 84	87,24	222
458 12 14	103,00	224	468 11 26 84	79,73	229	474 90 14	138,75	210	490 90 84	87,24	222
458 12 18 84	79,98	224	469 01 09 84	77,66	418	474 90 26 84	89,75	210	491 01 84	89,97	222
458 12 26 84	79,99	224	469 01 13 84	77,68	418	475 01 09 84	90,00	210	491 05 84	87,26	222
459 06 09 84	89,03	224	469 01 14 84	120,49	418	475 03 09 84	99,82	210	491 52 84	87,26	222
459 06 13 84	89,04	224	469 01 17 84	120,51	418	475 05 09 84	99,82	210	491 90 84	87,26	222
459 06 18 84	89,05	224	469 01 18 84	77,70	418	475 52 09 84	99,82	210	492 01 14	184,90	223
459 06 26 84	89,06	224	469 01 26 84	77,72	418	475 90 09 84	99,82	210	492 01 84	89,99	222
459 07 09 84	89,07	224	469 01 32 84	110,78	418	476 01 13 84	90,01	210	492 05 14	191,15	223
459 07 13 84	89,07	224	469 01 42 84	114,17	418	476 03 13 84	99,83	210	492 05 84	87,17	222
459 07 18 84	89,07	224	469 01 144	130,02	418	476 05 13 84	99,83	210	492 52 14	191,15	223

Ref	€	Pag	Ref	€	Pag	Ref	€	Pag	Ref	€	Pag
492 52 84	87,17	222	497 52 18 84	57,90	199	504 01	50,05	151	710 52 35	292,64	151
492 90 14	191,15	223	497 52 26 84	60,99	199	504 01 20	52,94	151	710 52 50	292,64	151
492 90 84	87,17	222	497 90 13 84	57,90	199	504 02	61,00	101	710 90 10	292,64	151
494 01 09 84	32,48	200	497 90 14	59,96	199	504 02 20	63,94	151	710 90 35	292,64	151
494 01 13 84	32,51	200	497 90 14 86	179,01	199	504 03	61,05	151	710 90 50	292,64	151
494 01 18 84	32,53	200	497 90 18 84	57,90	199	504 03 20	63,94	151	713 01 35	319,93	41
494 01 26 84	32,55	200	497 90 20 84	60,99	199	506 01	78,23	275	713 01 70	319,93	41
494 02 09 84	36,81	200	498 01 09 84	65,19	229	506 01 20	81,23	275	713 02 35	319,93	41
494 02 09 84	36,81	200	498 01 13 84	65,20	229	506 02	87,52	275	713 02 70	319,93	41
494 02 13 84	36,83	200	498 01 14	117,22	229	506 02 20	90,51	275	713 52 35	319,93	41
494 02 13 84	36,83	200	498 01 18 84	65,21	229	506 03	87,52	275	713 52 70	319,93	41
494 02 18 84	36,85	200	498 01 26 84	65,22	229	506 03 20	90,51	275	713 90 35	319,93	41
494 02 18 84	36,85	200	498 02 09 84	65,19	229	506 05	87,52	275	713 90 70	319,93	41
494 02 26 84	36,87	200	498 02 13 84	65,20	229	506 05 20	90,51	275	713 8 01 12	217,33	41
494 02 26 84	36,87	200	498 02 14	117,22	229	600			713 8 02 12	217,33	41
494 03 09 84	36,81	200	498 02 18 84	65,21	229	602 01 06	84,23	166	713 8 52 12	217,33	41
494 03 13 84	36,83	200	498 02 26 84	65,22	229	602 01 50	27,08	166	713 8 90 12	217,33	41
494 03 18 84	36,85	200	498 03 09 84	65,19	229	602 03 06	90,02	166	713 0 01 10	119,60	40
494 03 26 84	36,87	200	498 03 13 84	65,20	229	602 03 50	27,47	166	713 0 01 35	119,60	40
494 05 09 84	36,81	200	498 03 14	117,22	229	602 05 06	90,02	166	713 0 01 50	119,60	40
494 05 13 84	36,83	200	498 03 18 84	65,21	229	602 05 50	32,85	166	713 0 01 60	123,70	40
494 05 18 84	36,85	200	498 03 26 84	65,22	229	602 52 06	90,02	166	713 0 01 75	119,60	40
494 05 26 84	36,87	200	498 04 09 84	65,19	229	602 52 50	32,85	166	713 0 02 10	123,18	40
494 52 09 84	36,81	200	498 04 13 84	65,20	229	602 90 06	90,02	166	713 0 02 35	119,60	40
494 52 18 84	36,83	200	498 04 14	117,22	229	602 90 50	32,85	166	713 0 02 50	119,60	40
494 52 26 84	36,85	200	498 04 18 84	65,21	229	604 01 09	116,09	157	713 0 02 60	127,41	40
494 90 09 84	36,81	200	498 04 26 84	65,22	229	604 01 75	30,59	166	713 0 02 75	123,18	40
494 90 13 84	36,83	200	498 05 09 84	65,19	229	604 03 09	123,05	157	713 0 52 10	123,18	40
494 90 18 84	36,85	200	498 05 13 84	65,20	229	604 03 75	31,10	166	713 0 52 35	119,60	40
494 90 26 84	36,87	200	498 05 14	117,22	229	604 05 09	123,05	157	713 0 52 50	119,60	40
495 01 09 84	39,03	200	498 05 18 84	65,21	229	604 05 75	37,54	166	713 0 52 60	127,41	40
495 01 13 84	39,05	200	498 05 26 84	65,22	229	604 52 09	123,05	157	713 0 52 75	123,18	40
495 01 18 84	39,07	200	498 06 09 84	65,19	229	604 52 75	37,54	166	713 0 90 10	123,18	40
495 01 26 84	39,09	200	498 06 13 84	65,20	229	604 90 09	123,05	157	713 0 90 35	119,60	40
495 01 31 86	294,84	169	498 06 14	117,22	229	604 90 75	37,54	166	713 0 90 50	119,60	40
495 02 09 84	45,25	200	498 06 18 84	65,21	229	606 01 10	35,59	166	713 0 90 60	127,41	40
495 02 09 84	45,25	200	498 06 26 84	65,22	229	606 01 15	174,84	157	713 0 90 75	123,18	40
495 02 13 84	45,27	200	498 01 09 84	74,00	229	606 03 10	36,19	166	714 01 35	321,33	270
495 02 13 84	45,27	200	498 01 13 84	74,01	229	606 03 15	103,19	157	714 01 70	321,33	270
495 02 18 84	45,29	200	498 01 14	178,00	229	606 05 10	44,14	166	714 02 35	323,39	270
495 02 18 84	45,29	200	498 01 18 84	74,02	229	606 05 15	163,19	157	714 02 70	323,39	270
495 02 26 84	45,30	200	498 01 26 84	74,00	229	606 52 10	44,14	166	714 90 35	323,39	270
495 02 26 84	45,30	200	498 02 09 84	74,00	229	606 52 15	103,19	157	714 90 70	323,39	270
495 02 26 84	45,30	200	498 02 13 84	74,01	229	606 90 10	44,14	166	714 8 01 12	224,02	270
495 02 31 86	229,78	169	498 02 14	178,00	229	606 90 15	163,19	157	714 8 02 12	224,02	270
495 03 09 84	45,25	200	498 02 18 84	74,02	229	700			714 8 90 12	224,02	270
495 03 13 84	45,27	200	498 02 26 84	74,00	229	701 01 15	117,90	240	714 0 01 10	130,64	270
495 03 18 84	45,29	200	498 03 09 84	74,00	229	701 02 15	137,89	240	714 0 01 35	124,05	270
495 03 26 84	45,32	200	498 03 13 84	74,01	229	701 03 15	137,89	240	714 0 01 50	124,06	270
495 03 31 86	229,78	169	498 03 14	178,00	229	701 03 15	137,89	240	714 0 01 60	133,69	270
495 05 09 84	45,25	200	498 03 18 84	74,02	229	701 52 15	137,89	240	714 0 01 75	130,64	270
495 05 13 84	45,27	200	498 03 26 84	74,03	229	701 57 15	137,89	240	714 0 02 10	132,70	270
495 05 18 84	45,29	200	498 04 09 84	74,00	229	701 90 15	137,89	240	714 0 02 35	126,11	270
495 05 26 84	45,32	200	498 04 13 84	74,01	229	705 01 70	101,14	240	714 0 02 50	126,11	270
495 05 31 86	229,78	169	498 04 14	178,00	229	705 02 70	119,60	240	714 0 02 60	130,75	270
495 52 09 84	45,25	200	498 04 18 84	74,02	229	705 03 70	119,60	240	714 0 02 75	132,70	270
495 52 13 84	45,27	200	498 04 26 84	74,03	229	705 05 70	119,60	240	714 0 90 10	132,70	270
495 52 18 84	45,29	200	498 05 09 84	74,00	229	705 52 70	119,60	240	714 0 90 35	126,11	270
495 52 26 84	45,30	200	498 05 13 84	74,01	229	705 90 70	119,60	240	714 0 90 50	126,11	270
495 52 31 86	229,78	169	498 05 14	178,00	229	708 01 70	101,90	241	714 0 90 60	135,75	270
495 90 09 84	45,25	200	498 05 18 84	74,02	229	708 02 70	110,19	241	714 0 90 75	132,70	270
495 90 13 84	45,27	200	498 05 26 84	74,03	229	708 03 70	110,19	241	718 02 35C	246,47	108
495 90 18 84	45,29	200	498 06 09 84	74,00	229	708 05 70	110,19	241	718 02 70C	248,42	108
495 90 26 84	45,32	200	498 06 13 84	74,01	229	708 52 70	110,19	241	718 90 35C	246,47	108
495 90 31 86	229,78	169	498 06 14	178,00	229	708 90 70	110,19	241	718 90 70C	248,42	108
497 01 13 84	54,59	199	498 06 18 84	74,02	229	709 01 15	119,70	241	717 02 35C	456,59	108
497 01 14	98,20	199	498 06 26 84	74,03	229	709 02 15	125,18	241	717 02 70C	474,62	108
497 01 14 86	179,01	199	500			709 03 15	125,18	241	717 90 35C	456,59	108
497 01 18 84	54,59	199	501 01	35,34	148	709 05 15	125,18	241	717 90 70C	474,62	108
497 01 26 84	57,79	199	501 01 20	39,33	148	709 52 15	125,18	241	718 02 35C	694,32	108
497 02 14	90,90	199	501 01 70	94,54	148	709 90 15	125,18	241	718 02 70C	717,70	108
497 02 14 86	179,01	199	501 02	37,40	149	710 01 10	262,47	151	718 90 35C	694,32	108
497 05 13 84	57,98	199	501 02 20	40,39	148	710 01 35	262,47	151	718 90 70C	717,70	108
497 05 18 84	57,90	199	501 02 70	95,60	149	710 01 50	262,47	151	718 90 70C	694,32	108
497 05 26 84	60,99	199	503 01	44,90	54	710 02 10	292,64	151	719 02 70C	690,47	108
497 52 13 84	67,88	199	503 02	61,30	54	710 02 35	292,64	151	719 90 35C	690,47	108
497 52 14	99,90	199	503 03	61,30	54	710 02 50	292,64	151	719 90 70C	690,47	108
497 52 14 86	179,01	199	503 05	61,30	54	710 52 10	292,64	151	720 01 15	138,43	149

Ref	€	Pag	Ref	€	Pag	Ref	€	Pag	Ref	€	Pag
720 01 35	130,50	149	739 C 02 25	204,70	399	767 90 70	610,09	110	811 52	34,79	75
720 01 70	131,03	149	739 C 02 40	205,74	399	768 02 15	602,37	110	811 90	34,79	75
720 02 15	140,26	149	739 C 90 15	203,63	399	768 02 35	602,37	110	812 01	21,42	75
720 02 35	132,35	149	739 C 90 25	204,76	399	768 02 70	602,37	110	812 02	36,41	75
720 02 70	133,36	149	739 C 90 40	205,74	399	768 90 15	602,37	110	812 03	36,41	75
720 52 15	140,26	149	742 01 84	217,97	275	768 90 35	602,37	110	812 52	36,41	75
720 52 35	132,35	149	742 02 84	223,89	275	768 90 70	602,37	110	812 90	36,41	75
720 52 70	133,36	149	742 90 84	223,89	275	771 01 15	141,22	236	813 01	12,66	72
720 90 15	140,26	149	743 01 84	227,02	275	771 01 70	131,88	236	813 02	22,76	72
720 90 35	132,35	149	743 02 84	224,67	275	771 02 15	145,81	236	813 03	22,76	72
720 90 70	133,36	149	743 90 84	224,67	275	771 02 70	136,43	236	813 52	22,76	72
721 01 15CP	100,47	149	744 01C	217,57	57	771 05 15	145,81	236	813 90	22,76	72
721 01 70CP	181,14	149	744 02C	223,78	57	771 05 70	136,43	236	814 01	14,82	72
721 02 15CP	100,11	149	744 52C	223,78	57	771 52 15	145,81	236	814 02	26,27	72
721 02 70CP	183,79	149	744 90C	223,78	57	771 52 70	136,43	236	814 03	26,27	72
721 52 15CP	100,11	149	745 01C	220,26	57	771 90 15	145,81	236	814 52	26,27	72
721 52 70CP	183,79	149	745 02C	232,13	57	771 90 70	136,43	236	814 90	26,27	72
721 90 15CP	100,11	149	745 52C	232,13	57	773 01 35	306,91	38	815 01 03	119,08	71
721 90 70CP	183,79	149	745 90C	232,13	57	773 02 35	347,01	38	815 01 09	60,81	71
723 90 15 84	278,34	426	746 01 35C	310,41	30	773 52 35	347,01	38	815 01 13	60,81	71
723 90 70 84	269,83	426	746 01 70C	324,86	30	773 90 35	347,01	38	815 01 18	60,81	71
725 C 01	167,36	236	746 02 35C	325,90	30	775 01 35	507,53	39	815 03 03	127,94	71
725 C 02	175,76	236	746 02 70C	334,60	30	775 02 35	570,53	39	815 03 09	60,81	71
725 C 52	175,76	236	746 52 35C	325,90	30	775 52 35	570,53	39	815 03 13	60,81	71
725 C 90	175,76	236	746 52 70C	334,60	30	775 90 35	570,53	39	815 03 18	60,81	71
726 C 01	175,74	236	746 90 35C	325,90	30	776 01 35	375,38	262	815 05 03	127,94	71
726 C 02	183,91	236	746 90 70C	334,60	30	776 02 35	377,44	262	815 05 09	60,81	71
726 C 52	183,91	236	747 01 35C	510,44	31	776 52 35	377,44	262	815 05 13	60,81	71
726 C 90	183,91	236	747 01 70C	557,74	31	776 90 35	377,44	262	815 05 18	60,81	71
727 C 01	183,20	237	747 02 35C	521,93	31	780 01 35	494,56	263	815 52 03	127,94	71
727 C 02	191,61	237	747 02 70C	574,47	31	780 02 35	496,67	263	815 52 09	60,81	71
727 C 52	191,61	237	747 52 35C	521,93	31	780 52 35	496,67	263	815 52 13	60,81	71
727 C 90	191,61	237	747 52 70C	574,47	31	780 90 35	496,67	263	815 52 18	60,81	71
728 C 01	191,65	237	747 90 35C	521,93	31	781 01 70	103,62	240	815 90 03	127,94	71
728 C 02	199,77	237	747 90 70C	574,47	31	781 02 70	109,63	240	815 90 09	60,81	71
728 C 52	199,77	237	748 01 35C	770,10	30	781 03 70	109,63	240	815 90 13	60,81	71
728 C 90	199,77	237	748 01 70C	784,55	30	781 05 70	109,63	240	815 90 18	60,81	71
729 02 15 84	241,86	427	748 02 35C	799,38	30	781 52 70	106,63	240	816 01	26,03	72
729 02 70 84	240,07	427	748 02 70C	808,08	30	781 90 70	109,63	240	816 02	26,26	72
730 01 C	197,89	55	748 52 35C	799,38	30	782 01 15	113,88	240	816 03	26,26	72
730 02 C	197,89	55	748 52 70C	808,08	30	782 02 15	119,55	240	816 05	26,26	72
731 01 C	224,82	55	748 90 35C	799,38	30	782 03 15	119,55	240	816 52	26,26	72
731 02 C	224,82	55	748 90 70C	808,08	30	782 05 15	119,55	240	816 57	26,26	72
733 01 15	120,33	398	753 01 70	125,88	239	782 52 15	119,55	240	816 90	26,26	72
733 01 70	114,12	398	753 02 70	112,55	239	782 90 15	119,55	240	817 01	26,49	72
733 02 15	120,33	398	753 03 70	112,55	239	783 C 90 25	294,99	307	817 03	30,07	72
733 02 70	114,12	398	753 05 70	112,55	239	783 C 90 40	300,18	307	817 05	30,07	72
733 90 15	120,33	398	753 52 70	112,55	239	784 C 90 15	292,23	307	817 52	30,07	72
733 90 70	114,12	398	753 90 70	112,55	239	784 C 90 25	296,61	307	817 90	30,07	72
735 01 25	186,19	400	754 01 15	120,66	239	784 C 90 40	304,38	307	818 01	41,57	70
735 01 40	188,26	400	754 02 15	126,66	239	785 C 90 25	296,48	307	818 03	49,04	70
735 01 42	192,69	400	754 03 15	126,66	239	785 C 90 40	296,48	307	818 05	49,04	70
735 02 10	186,92	400	754 05 15	126,66	239	790 90 25	193,82	396	818 52	49,04	70
735 02 25	186,19	400	754 52 15	126,66	239	790 90 40	204,80	396	818 90	49,04	70
735 02 40	188,26	400	754 90 15	126,66	239	790 90 42	611,70	396	819 03	46,13	70
735 02 42	502,70	400	757 01 25	179,04	239	791 90 25	199,65	397	819 05	46,13	70
735 90 25	186,19	400	757 02 25	183,32	239	791 90 40	204,80	397	819 52	46,13	70
735 90 40	188,26	400	757 03 25	185,32	239	791 90 42	611,70	397	821 03	61,29	70
735 90 42	622,72	400	757 05 25	185,32	239	793 90 42	610,00	397	821 05	61,29	70
737 01 25	187,74	400	757 52 25	185,32	239	794 90 15	196,65	396	821 52	61,29	70
737 01 40	192,46	400	757 90 25	189,32	239	794 90 25	203,21	396	850 01	78,00	68
737 02 25	187,74	400	785 02 15	219,16	110	794 90 40	206,08	396	850 01 14	164,07	68
737 02 40	192,46	400	785 02 35	219,16	110	795 90 15	196,87	397	850 01 18	99,72	68
737 90 25	187,74	400	785 02 70	219,16	110	795 90 25	203,23	397	850 01 23	119,68	68
737 90 40	192,46	400	785 90 15	219,16	110	795 90 40	209,00	397	850 01 26	99,78	68
738 C 01 25	201,46	399	785 90 35	219,16	110	798 90 25	200,66	396	850 01 32	147,59	68
738 C 01 40	202,60	399	785 90 70	219,16	110	798 90 40	204,12	396	850 01 33 85	562,79	68
738 C 01 42	578,40	399	786 02 15	423,82	110	799 90 25	200,66	397	850 01 42	147,59	68
738 C 02 25	201,46	399	786 02 35	423,82	110	799 90 40	204,14	397	850 02	81,01	68
738 C 02 40	202,60	399	786 02 70	423,82	110	[00]			850 02 14	166,07	68
738 C 02 42	518,41	399	786 90 15	423,82	110	810 01	14,52	73	850 02 18	100,71	68
738 C 90 25	201,46	399	786 90 35	423,82	110	810 02	27,91	73	850 02 23	123,47	68
738 C 90 40	202,60	399	786 90 70	423,82	110	810 03	27,91	73	850 02 26	100,77	68
738 C 90 42	518,42	399	787 02 15	615,09	110	810 52	27,91	73	850 02 32	152,01	68
739 C 01 15	203,63	399	787 02 35	615,09	110	810 90	27,91	73	850 02 33 85	569,30	68
739 C 01 25	204,76	399	787 02 70	615,09	110	811 01	12,81	73	850 02 42	152,01	68
739 C 01 40	205,74	399	787 90 15	615,09	110	811 02	34,79	73	850 05	81,01	68
739 C 02 15	203,63	399	787 90 35	615,09	110	811 03	34,79	73	850 05 14	166,07	68

Ref	€	Pag	Ref	€	Pag	Ref	€	Pag	Ref	€	Pag
850 05 18	102,71	58	853 52 14	254,06	59	904 118 84	10,07	302	906 P 218 84	78,93	304
850 05 23	123,47	59	853 52 26	181,22	58	904 136	10,95	302	906 P 218 AMS 84	83,26	306
850 05 26	132,77	58	853 52 32	210,26	58	904 136 84	21,52	302	906 P 236 84	111,27	304
850 05 32	152,01	58	853 52 42	210,26	58	904 158	26,54	302	906 P 236 AMS 84	77,15	306
850 05 33 85	569,38	59	853 60 14	254,06	59	904 158 84	26,11	302	906 P 258 84	128,99	304
850 05 42	102,01	58	853 60 26	181,22	58	904 218	21,32	302	906 P 318 84	100,26	304
850 45	81,01	59	853 60 32	210,26	58	904 218 84	26,47	302	906 P 318 AMS 84	83,70	306
850 45 14	106,07	59	853 60 42	210,26	58	904 236	30,23	302	906 P 336 84	186,67	304
850 45 18	102,71	58	853 70 14	254,06	59	904 236 84	35,37	302	906 P 336 AMS 84	126,79	306
850 45 23	123,47	59	853 70 26	181,22	58	904 258	43,45	302	906 P 418 84	100,63	304
850 45 26	132,77	58	853 70 32	210,26	58	904 258 84	48,60	302	906 P 418 AMS 84	78,22	306
850 45 32	152,01	58	853 70 42	210,26	58	905 118	21,42	301	906 P 436 84	128,94	304
850 45 33 85	569,38	59	853 90 14	254,06	59	905 118 84	24,27	301	906 P 436 AMS 84	136,60	306
850 45 42	102,01	58	853 90 26	181,22	58	905 136	26,01	301	906 Q 44 118 84	94,18	304
850 52	81,01	59	853 90 32	210,26	58	905 136 84	31,11	301	906 Q 44 136 84	131,98	304
850 52 14	106,07	59	853 90 42	210,26	58	905 158	35,07	301	906 Q 44 158 84	148,20	304
850 52 18	102,71	58	860 01	49,84	61	905 158 84	38,67	301	906 Q 44 218 84	103,60	304
850 52 23	123,47	59	860 01 23	90,76	61	905 218	25,07	301	906 Q 44 236 84	143,07	304
850 52 26	132,77	58	860 02	51,02	61	905 218 84	30,78	301	906 Q 44 258 84	174,00	304
850 52 32	152,01	58	860 02 23	93,46	61	905 236	38,07	301	906 Q 44 318 84	130,33	304
850 52 33 85	569,38	59	860 05	51,02	61	905 236 84	45,48	301	906 Q 44 336 84	236,39	304
850 52 42	102,01	58	860 05 23	93,46	61	905 258	53,46	301	906 Q 44 418 84	136,72	304
850 60	81,01	59	860 45	51,02	61	905 258 84	60,67	301	906 Q 44 436 84	241,69	304
850 60 14	106,07	59	860 45 23	93,46	61	906 A 118 84	54,00	302	906 Q 65 118 84	129,22	304
850 60 18	102,71	58	860 52	81,00	61	906 A 136 84	64,82	302	906 Q 65 136 84	180,61	304
850 60 23	123,47	59	860 52 23	93,46	61	906 A 158 84	73,73	302	906 Q 65 158 84	201,88	304
850 60 26	132,77	58	860 60	51,02	61	906 A 218 84	62,12	302	906 Q 65 218 84	140,96	304
850 60 32	152,01	58	860 60 23	93,46	61	906 A 218 AMS 84	48,01	306	906 Q 65 236 84	225,00	304
850 60 33 85	569,38	59	860 70	51,02	61	906 A 236 84	76,77	302	906 Q 65 258 84	236,75	304
850 60 42	102,01	58	860 70 23	93,46	61	906 A 236 AMS 84	68,70	306	906 Q 65 318 84	178,03	304
850 70	81,01	59	860 90	81,00	61	906 A 258 84	97,30	302	906 Q 65 336 84	310,29	304
850 70 14	106,07	59	860 90 23	93,46	61	906 A 318 84	69,15	302	906 Q 65 418 84	178,10	304
850 70 18	102,71	58	861 90	71,27	60	906 A 318 AMS 84	58,28	306	906 Q 65 436 84	322,66	304
850 70 23	119,86	59	861 90 14	158,97	60	906 A 336 84	128,06	302	906 Q 118 84	71,10	304
850 70 26	132,77	58	861 90 23	112,49	60	906 A 336 AMS 84	112,16	306	906 Q 136 84	67,04	304
850 70 32	152,01	58	864 90 26	82,34	60	906 A 418 84	81,71	302	906 Q 158 84	107,67	304
850 70 33 85	569,38	59	864 90 32	106,41	60	906 A 418 AMS 84	68,25	306	906 Q 218 84	78,98	304
850 70 42	102,01	58	864 90 42	106,41	60	906 A 436 84	136,08	302	906 Q 218 AMS 84	63,37	306
850 90	81,01	59	864 90 57	117,31	60	906 A 436 AMS 84	102,77	306	906 Q 236 84	111,33	304
850 90 14	106,07	59	868 90 70	241,07	60	906 B 118 84	32,90	302	906 Q 236 AMS 84	77,19	306
850 90 18	102,71	58	900			906 B 136 84	62,26	302	906 Q 258 84	129,35	304
850 90 23	123,47	59	903 114	49,14	383	906 B 158 84	72,29	302	906 Q 318 84	100,45	304
850 90 26	132,77	58	903 114 84	83,46	383	906 B 218 84	80,06	302	906 Q 318 AMS 84	63,75	306
850 90 32	152,01	58	903 121	82,23	383	906 B 218 AMS 84	47,28	306	906 Q 336 84	187,77	304
850 90 33 85	569,38	59	903 121 84	56,45	383	906 B 236 84	74,33	302	906 Q 336 AMS 84	126,81	306
850 90 42	102,01	58	903 124	80,03	383	906 B 236 AMS 84	67,48	306	906 Q 418 84	106,71	304
851 01 15	217,68	59	903 124 84	84,26	383	906 B 258 84	94,48	302	906 Q 418 AMS 84	78,24	306
851 01 70	213,33	59	903 128	84,26	383	906 B 318 84	66,63	302	906 Q 436 84	128,68	304
851 02 15	224,39	59	903 128 84	88,84	383	906 B 318 AMS 84	58,13	306	906 Q 436 AMS 84	136,62	306
851 02 70	219,72	59	903 135	66,60	383	906 B 336 84	123,63	302	906 Z 118 84	74,01	302
851 05 15	224,39	59	903 135 84	60,83	383	906 B 336 AMS 84	111,70	306	906 Z 136 84	67,88	302
851 05 70	219,72	59	903 138	83,02	383	906 B 418 84	85,48	302	906 Z 158 84	102,31	302
851 45 15	224,39	59	903 138 84	87,36	383	906 B 418 AMS 84	68,39	306	906 Z 218 84	83,26	302
851 45 70	219,72	59	903 148	66,92	383	906 B 436 84	126,58	302	906 Z 218 AMS 84	66,74	306
851 52 15	224,39	59	903 148 84	81,03	383	906 B 436 AMS 84	102,40	306	906 Z 236 84	104,78	302
851 52 70	219,72	59	903 154	84,81	383	906 P 44 118 84	93,78	304	906 Z 236 AMS 84	98,81	306
851 60 15	224,39	59	903 154 84	59,14	383	906 P 44 136 84	131,80	304	906 Z 258 84	132,29	302
851 60 70	219,72	59	903 180	82,50	383	906 P 44 158 84	148,10	304	906 Z 318 84	94,07	302
851 70 15	224,39	59	903 180 84	66,90	383	906 P 44 218 84	103,45	304	906 Z 318 AMS 84	78,82	306
851 70 70	219,72	59	903 214	82,28	383	906 P 44 236 84	148,07	304	906 Z 336 84	176,68	302
851 90 15	224,39	59	903 214 84	60,93	383	906 P 44 258 84	173,80	304	906 Z 336 AMS 84	158,13	306
851 90 70	219,72	59	903 221	62,73	383	906 P 44 318 84	130,23	304	906 Z 418 84	112,72	302
853 01 14	201,77	59	903 221 84	71,38	383	906 P 44 336 84	236,20	304	906 Z 418 AMS 84	96,40	306
853 01 26	136,63	58	903 224	60,34	383	906 P 44 418 84	106,01	304	906 Z 436 84	171,19	302
853 01 32	204,14	58	903 224 84	88,99	383	906 P 44 436 84	241,67	304	906 Z 436 AMS 84	174,99	306
853 01 42	204,14	58	903 228	64,52	383	906 P 65 118 84	129,20	304	907 114	66,61	379
853 02 14	254,06	58	903 228 84	73,18	383	906 P 65 136 84	183,49	304	907 114 84	68,84	379
853 02 26	181,22	58	903 235	66,62	383	906 P 65 158 84	201,86	304	907 118 84 BE	30,89	378
853 02 32	210,26	58	903 235 84	75,27	383	906 P 65 218 84	140,94	304	907 118 BE	28,23	378
853 02 42	210,26	58	903 238	63,20	383	906 P 65 236 84	224,99	304	907 124	47,56	379
853 05 14	254,06	59	903 238 84	71,89	383	906 P 65 258 84	236,72	304	907 124 84	61,89	379
853 05 26	181,22	58	903 248	67,21	383	906 P 65 318 84	178,02	304	907 128	67,04	379
853 05 32	210,26	58	903 248 84	75,86	383	906 P 65 336 84	310,27	304	907 128 84	81,36	379
853 05 42	210,26	58	903 254	65,72	383	906 P 65 418 84	187,08	304	907 135	64,80	379
853 45 14	254,06	58	903 254 84	74,24	383	906 P 65 436 84	322,63	304	907 135 84	68,13	379
853 45 26	181,22	58	903 280	83,20	383	906 P 118 84	70,84	304	907 136 84 BE	38,29	378
853 45 32	210,26	58	903 280 84	101,85	383	906 P 136 84	97,88	304	907 136 BE	36,20	378
853 45 42	210,26	58	904 118	16,50	382	906 P 158 84	107,82	304	907 148	64,80	379

Ref	€	Pag	Ref	€	Pag	Ref	€	Pag	Ref	€	Pag
907 149 84	66,13	379	909 Q 218 84	123,26	349	967 02	127,97	443	1021 02	9,11	280
907 154	67,04	379	909 Q 236 84	144,94	349	968 02	123,45	442	1021 90	9,11	280
907 154 84	61,36	379	909 Q 336 84	135,73	349	968 02 09 84	174,00	442	1022 01	63,26	280
907 158 84 BE	46,09	378	909 Z 218 84	117,62	348	968 02 13 84	140,75	442	1022 02	60,88	280
907 158 BE	45,62	378	909 Z 236 84	127,92	348	968 02 18 84	140,76	442	1022 90	60,99	280
907 180	56,39	379	909 Z 336 84	140,69	348	968 02 26 84	140,76	442	1023 01	7,04	280
907 180 84	73,01	379	918 90 15 84	417,04	400	970 01 03	90,66	409	1023 02	7,04	280
907 214	56,36	379	916 90 70 84	393,15	400	970 01 05	83,75	408	1024 01	21,54	280
907 214 84	65,01	379	925 00	83,22	412	970 01 50	39,26	409	1024 02	21,54	280
907 218 84 BE	41,13	378	927 00	184,66	409	970 05 03	96,71	409	1026 01 14	216,04	284
907 218 BE	36,62	378	927 00 03	204,56	409	970 05 05	89,81	409	1026 01 18 84	112,00	284
907 224	56,36	379	929 00	103,31	408	970 05 50	45,30	408	1026 01 26 84	112,06	284
907 224 84	65,01	379	929 00 50	112,71	408	970 52 03	96,71	409	1026 01 32 84	161,62	284
907 228	67,59	379	930 00 03	130,41	400	970 52 05	89,81	409	1026 01 42 84	161,64	284
907 228 84	70,26	379	930 00 05	123,61	409	970 52 50	46,32	408	1026 02 18 84	114,22	284
907 235	76,16	379	930 00 50	79,02	409	972 00 25 83	451,75	410	1026 02 26 84	154,24	284
907 235 84	89,81	379	931 00	116,48	409	972 00 25 85	451,75	410	1026 02 32 84	166,70	284
907 236 84 BE	56,31	378	931 00	190,18	409	972 00 29 85	451,75	410	1026 02 42 84	166,72	284
907 236 BE	60,14	378	931 00 03	241,68	409	972 00 70	463,80	410	1026 05 14	218,20	284
907 249	76,16	379	931 00 50	176,15	408	974 00 15	692,01	411	1026 52 14	218,20	284
907 249 84	86,81	379	932 90	324,66	434	980 01	19,57	426	1026 52 18 84	114,22	284
907 254	67,59	379	933 90	490,00	434	980 02	19,57	426	1026 52 26 84	114,24	284
907 254 84	70,26	379	934 90	1.024,23	430	981 01	14,59	426	1026 52 32 84	166,70	284
907 258 84 BE	74,71	378	935 90	1.108,69	436	981 02	14,59	426	1026 52 42 84	166,70	284
907 258 BE	67,77	378	936 00	26,91	423	982 01	26,82	426	1026 90 14	218,20	284
907 280	97,93	379	936 00 06 85	163,37	423	982 02	26,82	426	1026 90 18 84	114,22	284
907 280 84	106,99	379	940 00	26,81	423	983 01	15,37	426	1026 90 26 84	114,24	284
908 A 218 PLL 84	87,34	346	948 58 10	75,41	421	983 02	15,37	426	1026 90 32 84	166,70	284
908 A 236 PLL 84	87,80	346	948 58 20	75,41	421	985 01	22,54	426	1026 90 42 84	166,72	284
908 A 255 PLL 84	99,70	346	948 58 30	75,40	421	985 01 06 85	130,29	420	1027 01 14 84	122,69	286
908 A 318 PLL 84	100,26	346	948 58 40	75,40	421	985 02	22,54	420	1027 01 17 84	122,71	286
908 A 336 PLL 84	101,94	346	950 58 10	75,40	421	985 02 06 85	130,29	420	1027 01 18 84	106,97	286
908 A 355 PLL 84	132,26	346	950 58 20	75,40	421	990 01	7,62	424	1027 01 26 84	106,99	286
908 B 218 PLL 84	85,07	346	951 00 05 85	198,07	419	990 02	7,62	424	1027 01 32 84	125,66	286
908 B 236 PLL 84	86,31	346	951 00 13 84	93,66	418	991 01	7,60	424	1027 01 42 84	125,70	286
908 B 255 PLL 84	96,00	346	951 00 18 84	99,70	418	991 02	7,60	424	1027 02 14 84	126,89	286
908 B 318 PLL 84	99,18	346	952 00 07 85	234,42	419	992 01	6,77	424	1027 02 17 84	126,91	286
908 B 336 PLL 84	100,26	346	952 00 13 84	136,26	418	992 02	6,77	424	1027 02 18 84	111,73	286
908 B 355 PLL 84	130,04	346	952 00 18 84	136,27	418	993 01	7,00	424	1027 02 26 84	111,75	286
908 F 218 PLL 84	96,13	346	952 00 26 84	130,39	418	993 02	7,02	424	1027 02 32 84	129,26	286
908 F 236 PLL 84	86,85	346	954 58 84	189,62	420	1000			1027 02 42 84	129,28	286
908 F 255 PLL 84	104,03	346	957 00 25 85	408,39	410	1001 00	227,42	53	1027 90 14 84	126,89	286
908 F 318 PLL 84	126,43	346	957 00 25 85	408,39	410	1002 00	267,55	53	1027 90 17 84	126,91	286
908 F 336 PLL 84	106,09	346	957 00 29 85	408,39	410	1004 90 15 84	623,02	659	1027 90 18 84	111,73	286
908 F 355 PLL 84	136,78	346	957 00 35	432,73	410	1004 90 70 84	396,19	429	1027 90 26 84	111,75	286
908 Q 218 PLL 84	90,53	346	957 00 70	420,44	410	1005 00 W	20,49	437	1027 90 32 84	129,26	286
908 Q 236 PLL 84	91,59	346	959 00 15	661,04	411	1005 00 R	21,73	437	1027 90 42 84	129,28	286
908 Q 255 PLL 84	104,13	346	959 00 50 83	709,14	411	1005 00 B	21,11	437	1028 01 18 84	66,71	285
908 Q 318 PLL 84	126,47	346	959 00 50 84	707,60	411	1006 00	21,68	437	1028 01 26 84	66,73	285
908 Q 336 PLL 84	106,13	346	959 00 50 85	699,98	411	1007 00 W	220,53	437	1028 01 32 84	106,99	285
908 Q 355 PLL 84	136,66	346	961 01 05	198,48	421	1007 00 R	222,58	437	1028 01 42 84	106,61	285
908 Z 218 PLL 84	101,76	346	961 01 50	153,88	421	1007 00 B	221,56	437	1028 02 18 84	71,89	285
908 Z 236 PLL 84	102,66	346	961 02 05	202,80	421	1012 00 S	614,17	413	1028 02 26 84	71,79	285
908 Z 255 PLL 84	118,14	346	961 02 50	198,20	421	1012 00 A	626,80	413	1028 02 32 84	113,09	285
908 Z 318 PLL 84	118,76	346	961 90 05	202,80	421	1013 00 S	606,90	413	1028 02 42 84	113,11	285
908 Z 336 PLL 84	118,14	346	961 90 50	198,20	421	1013 00 A	626,80	413	1028 52 18 84	71,89	285
908 Z 355 PLL 84	153,06	346	962 01 05	256,60	421	1013 00 A	618,29	413	1028 52 26 84	71,79	285
909 A 218 84	101,14	348	962 01 50	211,97	421	1014 00 S	618,29	413	1028 52 32 84	113,09	285
909 A 236 84	110,03	348	962 02 05	260,79	421	1014 00 A	664,74	413	1028 52 42 84	113,11	285
909 A 336 84	123,18	348	962 02 50	216,19	421	1015 00 03	303,43	412	1028 90 18 84	71,89	285
909 B 218 84	99,18	348	962 90 05	260,79	421	1015 00 18	266,22	412	1028 90 26 84	71,79	285
909 B 236 84	106,66	348	962 90 50	216,19	421	1015 00 09 84	266,22	412	1028 90 32 84	113,09	285
909 B 336 84	121,33	348	963 01 05	227,60	421	1016 90 03	326,79	428	1028 90 42 84	113,11	285
909 F 44 218 84	196,08	349	963 01 50	193,03	421	1016 90 09 84	306,70	428	1029 01 70	161,91	287
909 F 44 236 84	190,18	349	963 02 05	231,96	421	1016 90 35	222,64	428	1029 02 70	161,91	287
909 F 44 336 84	206,46	349	963 02 50	167,96	421	1017 01	140,69	280	1029 52 70	161,91	287
909 F 65 218 84	224,34	349	963 90 05	231,96	421	1017 02	142,96	280	1029 90 70	161,91	287
909 F 65 236 84	267,70	349	963 90 50	167,96	421	1017 90	142,96	280	1030 01 15	166,46	287
909 F 65 336 84	279,21	349	964 01 05	286,60	421	1018 01	280,98	280	1030 02 15	173,77	287
909 F 218 84	123,60	349	964 01 50	241,12	421	1018 02	286,31	280	1030 52 15	173,77	287
909 F 236 84	144,92	349	964 02 05	289,90	421	1018 90	286,31	280	1030 90 15	173,77	287
909 F 336 84	156,11	349	964 02 50	246,34	421	1019 00 S	616,29	413	1031 01 70	167,18	287
909 Q 44 218 84	166,10	349	964 90 05	289,90	421	1019 00 A	664,74	413	1031 02 70	169,52	287
909 Q 44 236 84	190,22	349	964 90 50	246,34	421	1019 00 A	664,74	413	1031 90 70	169,52	287
909 Q 44 336 84	206,03	349	965 90 15 84	244,02	426	1020 01	13,16	280	1032 01 15	179,07	287
909 Q 65 218 84	224,36	349	965 90 35 84	244,02	426	1020 02	13,49	280	1032 02 15	181,61	287
909 Q 65 236 84	257,76	349	965 90 70 84	244,02	426	1020 90	13,89	280	1032 90 15	181,61	287
909 Q 65 336 84	279,54	349	966 90	205,79	443	1021 01	8,86	280	1033 02 35	197,94	287

Ref	€	Pag	Ref	€	Pag	Ref	€	Pag	Ref	€	Pag
1033 02 50	107,94	281	1051 90 70	245,75	394	1063 L 70 12	276,79	47	1071 70 04	193,76	46
1033 02 60	116,49	281	1052 90 15	243,43	394	1063 L 90 12	276,79	47	1071 70 09	223,60	46
1033 02 75	107,94	281	1052 90 25	254,61	394	1064 01 35	276,60	47	1071 90 03	164,90	46
1033 90 35	107,94	281	1052 90 40	250,80	394	1064 01 70	276,65	47	1071 90 04	193,76	46
1033 90 50	107,94	281	1053 90 25	251,93	394	1064 02 35	264,79	47	1071 90 09	223,60	46
1033 90 60	116,49	281	1053 90 40	255,08	394	1064 02 70	264,94	47	1072 01 50	108,76	46
1033 90 75	107,94	281	1054 90 15	246,98	395	1064 52 35	264,79	47	1072 02 50	112,00	46
1033 L 02 12	203,04	281	1054 90 25	251,13	395	1064 52 70	264,94	47	1072 52 50	112,00	46
1033 L 90 12	203,04	281	1054 90 30	442,30	395	1064 70 35	264,79	47	1072 70 50	112,00	46
1034 02 10	162,10	281	1054 90 36	496,35	395	1064 70 70	264,94	47	1072 90 50	112,00	46
1034 02 35	162,10	281	1054 90 40	250,07	395	1064 90 35	264,79	47	1073 01 10	193,47	46
1034 02 50	162,10	281	1054 90 42	563,60	395	1064 90 70	264,94	47	1073 01 35	191,37	46
1034 02 60	162,40	281	1054 90 70	246,37	395	1066 01 03	122,87	44	1073 01 50	191,47	46
1034 02 75	162,10	281	1055 90 15	243,47	395	1066 01 04	149,81	44	1073 01 60	197,45	46
1034 90 10	162,10	281	1055 90 25	254,66	395	1066 01 09	179,68	44	1073 01 75	193,43	46
1034 90 35	162,10	281	1055 90 40	260,13	395	1066 02 03	176,55	44	1073 02 10	199,29	46
1034 90 50	162,10	281	1056 90 25	251,93	395	1066 02 04	166,20	44	1073 02 35	197,11	46
1034 90 60	162,40	281	1056 90 40	255,58	395	1066 02 09	166,07	44	1073 02 50	197,21	46
1034 90 75	162,10	281	1057 90 15	332,80	395	1066 52 03	126,50	44	1073 02 60	203,37	46
1034 L 02 12	374,09	281	1057 90 25	346,28	395	1066 52 04	166,20	44	1073 02 75	199,23	46
1034 L 90 12	374,09	281	1057 90 30	536,65	395	1066 52 09	166,07	44	1073 52 10	199,23	46
1035 02 10	200,38	281	1057 90 36	590,10	395	1066 70 03	126,50	44	1073 52 35	197,11	46
1035 02 35	200,38	281	1057 90 40	361,43	395	1066 70 04	166,20	44	1073 52 50	197,21	46
1035 02 50	200,38	281	1057 90 42	656,15	395	1066 70 09	166,07	44	1073 52 60	203,37	46
1035 02 60	207,80	281	1057 90 70	340,72	395	1066 90 03	126,55	44	1073 52 75	199,23	46
1035 02 75	200,38	281	1058 90 15	343,09	395	1066 90 04	166,20	44	1073 70 10	199,23	46
1035 90 10	200,38	281	1058 90 25	343,27	395	1066 90 09	166,07	44	1073 70 35	197,11	46
1035 90 35	200,38	281	1058 90 40	355,36	395	1067 01 50	71,48	44	1073 70 50	197,21	46
1035 90 50	200,38	281	1058 90 25	347,21	395	1067 02 50	73,62	44	1073 70 60	203,37	46
1035 90 60	207,80	281	1059 90 40	300,40	395	1067 52 50	73,62	44	1073 70 75	199,23	46
1035 90 75	200,38	281	1061 01 03	130,50	46	1067 70 50	73,62	44	1073 90 10	199,23	46
1035 L 02 12	548,37	281	1061 01 04	174,89	46	1067 90 50	73,62	44	1073 90 35	197,11	46
1035 L 90 12	548,37	281	1061 01 09	204,76	46	1068 01 10	136,28	46	1073 90 50	197,21	46
1036 02 15	242,64	293	1061 02 03	134,41	46	1068 01 35	133,15	46	1073 90 60	203,37	46
1036 02 35	234,63	293	1061 02 04	181,03	46	1068 01 50	133,17	46	1073 90 75	199,23	46
1036 02 70	234,63	293	1061 02 09	210,90	46	1068 01 60	139,25	46	1073 L 01 12	262,92	46
1036 90 15	242,64	293	1061 52 03	134,41	46	1068 02 10	139,33	46	1073 L 02 12	305,71	46
1036 90 35	234,63	293	1061 52 04	181,03	46	1068 02 35	137,14	46	1073 L 52 12	301,71	46
1036 90 70	234,63	293	1061 52 09	210,00	46	1068 02 50	137,16	46	1073 L 70 12	301,71	46
1037 02 15	470,79	293	1061 70 03	134,41	46	1068 02 60	143,42	46	1073 L 90 12	305,71	46
1037 02 35	454,74	293	1061 70 04	181,03	46	1068 52 10	139,33	46	1074 01 35	297,48	46
1037 02 70	454,74	293	1061 70 09	210,90	46	1068 52 35	137,14	46	1074 01 70	298,65	46
1037 90 15	470,79	293	1061 90 03	134,41	46	1068 52 50	137,16	46	1074 02 35	306,38	46
1037 90 35	454,74	293	1061 90 04	181,03	46	1068 52 60	143,42	46	1074 02 70	307,60	46
1037 90 70	454,74	293	1061 90 09	210,90	46	1068 70 10	139,33	46	1074 52 35	306,38	46
1038 02 15	666,54	293	1062 01 50	79,10	46	1068 70 35	137,14	46	1074 52 70	307,60	46
1038 02 35	661,46	293	1062 02 50	81,47	46	1068 70 50	137,16	46	1074 70 25	306,38	46
1038 02 70	661,46	293	1062 52 50	81,47	46	1068 70 60	143,42	46	1074 70 70	307,60	46
1038 90 15	666,54	293	1062 70 50	81,47	46	1068 70 75	139,30	46	1074 90 35	306,38	46
1038 90 35	661,46	293	1062 90 50	81,47	46	1068 90 10	139,33	46	1074 90 70	307,60	46
1038 90 70	661,46	293	1063 01 10	105,79	47	1068 90 35	137,14	46	1076 01 03	138,64	272
1039 02 35	471,53	292	1063 01 35	154,29	47	1068 90 50	137,16	46	1076 01 04	127,10	272
1039 02 70	540,30	292	1063 01 50	154,34	47	1068 90 60	143,42	46	1076 01 07	156,97	272
1039 90 35	471,53	292	1063 01 60	199,75	47	1068 L 01 12	241,71	46	1076 01 09	213,02	272
1039 90 70	540,30	292	1063 01 75	105,73	47	1068 L 02 12	241,70	46	1076 02 03	143,00	272
1040 02 35	739,25	292	1063 02 10	160,42	47	1068 L 52 12	241,75	46	1076 02 04	131,80	272
1040 02 70	732,63	292	1063 02 35	168,91	47	1068 L 70 12	241,75	46	1076 02 07	161,66	272
1040 90 35	739,25	292	1063 02 50	168,97	47	1068 L 90 12	241,75	46	1076 02 09	219,41	272
1040 90 70	732,63	292	1063 02 60	164,64	47	1069 01 35	261,72	46	1076 52 03	143,00	272
1041 02 35	904,21	292	1063 02 75	160,40	47	1069 01 70	262,54	46	1076 52 04	131,80	272
1041 02 70	979,51	292	1063 52 10	160,42	47	1069 02 35	269,57	46	1076 52 07	161,66	272
1041 90 35	904,21	292	1063 52 35	160,91	47	1069 02 70	270,41	46	1076 52 09	219,41	272
1041 90 70	979,51	292	1063 52 50	168,97	47	1069 52 35	269,57	46	1076 90 03	143,00	272
1043 00	67,68	77	1063 52 60	164,64	47	1069 52 70	270,41	46	1076 90 04	131,80	272
1043 00 00	68,01	77	1063 52 75	160,40	47	1069 70 35	269,57	46	1076 90 07	161,66	272
1043 K 00 11	67,13	77	1063 70 10	160,42	47	1069 70 70	270,41	46	1076 90 09	219,41	272
1043 L 00 04	66,36	77	1063 70 35	168,91	47	1069 90 35	269,57	46	1077 01 50	67,44	272
1043 U 00	61,59	77	1063 70 50	168,97	47	1069 90 70	270,41	46	1077 02 50	60,07	272
1044 00 00	69,94	77	1063 70 60	164,64	47	1071 01 03	160,16	45	1077 52 50	60,07	272
1044 K 00 11	66,08	77	1063 70 75	160,40	47	1071 01 04	167,25	45	1077 90 50	60,07	272
1044 L 00 04	66,29	77	1063 90 10	160,42	47	1071 01 09	217,12	45	1077 K 01	67,96	272
1044 U 00	62,52	77	1063 90 35	168,01	47	1071 02 03	164,96	45	1077 K 02	60,60	272
1051 90 15	246,37	394	1063 90 50	168,07	47	1071 02 04	163,76	45	1077 K 52	60,60	272
1051 90 25	251,11	394	1063 90 60	164,64	47	1071 02 09	223,63	45	1077 K 90	60,60	272
1051 90 25	256,05	394	1063 90 75	160,40	47	1071 52 03	164,96	45	1078 01 10	163,99	273
1051 90 30	441,75	394	1063 L 01 12	276,78	47	1071 52 04	163,76	45	1078 01 35	162,53	273
1051 90 36	406,60	394	1063 L 02 12	276,78	47	1071 52 09	223,63	45	1078 01 50	162,53	273
1051 90 42	563,25	394	1063 L 52 12	276,78	47	1071 70 03	164,96	45	1078 01 60	166,12	273

Ref	€	Pag	Ref	€	Pag	Ref	€	Pag	Ref	€	Pag
1078 01 75	165,99	273	1099 90 03	321,42	48	1108 02	581,82	51	1221 Z 84	198,27	314
1078 02 10	165,91	273	1099 90 04	312,68	48	1108 02 03	308,47	51	1222 84	124,25	314
1078 02 35	167,41	273	1100			1108 02 04	309,93	51	1222 NS 84	124,25	314
1078 02 50	167,41	273	1100 01	554,34	50	1108 52	581,82	51	1222 P 44 84	256,42	315
1078 02 60	174,19	273	1100 01 03	328,05	50	1108 52 03	308,47	51	1222 P 65 84	354,77	315
1078 02 75	165,91	273	1100 01 04	308,51	50	1108 52 04	309,93	51	1222 P 84	183,06	315
1078 52 10	165,91	273	1100 02	570,97	50	1108 90	581,82	51	1222 Q 44 84	381,50	315
1078 52 35	167,41	273	1100 02 03	337,89	50	1108 90 03	308,47	51	1222 Q 65 84	381,51	315
1078 52 50	167,41	273	1100 02 04	319,81	50	1108 90 04	309,93	51	1222 Q 84	183,07	315
1078 52 60	174,19	273	1100 52	570,97	50	1109 01 35	317,34	49	1222 Z 84	145,67	314
1078 52 75	165,91	273	1100 52 03	337,89	50	1109 01 70	318,88	49	1223 84	131,33	314
1078 90 10	165,91	273	1100 52 04	319,81	50	1109 02 35	326,86	49	1223 NS 84	135,33	314
1078 90 35	167,41	273	1100 90	570,97	50	1109 02 70	328,24	49	1223 P 44 84	292,12	315
1078 90 50	167,41	273	1100 90 03	337,89	50	1109 52 35	326,86	49	1223 P 65 84	421,65	315
1078 90 60	174,19	273	1100 90 04	319,81	50	1109 52 70	328,24	49	1223 P 84	208,45	315
1078 90 75	165,91	273	1101 01	184,72	49	1109 90 35	326,86	49	1223 Q 44 84	303,19	315
1078 L 01 35	264,09	273	1101 02	185,41	49	1109 90 70	328,24	49	1223 Q 65 84	428,78	315
1078 L 02 35	272,01	273	1101 52	185,41	49	1110 01 35	302,09	50	1223 Q 84	207,67	315
1078 L 52 35	272,01	273	1101 90	185,41	49	1110 01 70	304,33	50	1223 Z 84	198,27	314
1078 L 90 35	272,01	273	1102 01	183,84	51	1110 02 35	342,05	50	1224 84	124,25	314
1079 01 35	293,23	273	1102 02	193,66	51	1110 02 70	344,28	50	1224 NS 84	124,25	314
1079 01 70	293,23	273	1102 52	193,66	51	1110 52 35	342,05	50	1224 P 44 84	256,42	315
1079 02 35	302,02	273	1102 90	193,66	51	1110 52 70	344,28	50	1224 P 65 84	354,77	315
1079 02 70	302,04	273	1103 01 10	191,39	49	1110 90 35	342,05	50	1224 P 84	183,06	315
1079 52 35	302,02	273	1103 01 35	189,00	49	1110 90 70	344,28	50	1224 P 84	207,69	315
1079 52 70	302,04	273	1103 01 50	188,10	49	1111 01 12	298,95	48	1224 Q 44 84	250,73	315
1079 90 35	302,02	273	1103 01 60	193,28	49	1111 02 12	295,55	48	1224 Q 65 84	361,81	315
1079 90 70	303,04	273	1103 01 75	191,37	49	1111 52 12	295,55	48	1224 Q 84	183,07	315
1093 01	183,15	48	1103 02 10	197,13	49	1111 90 12	295,55	48	1224 Z 84	145,67	314
1093 02	170,10	48	1103 02 35	194,67	49	1112 01 12	298,46	51	1225 84	141,14	314
1093 52	170,10	48	1103 02 50	194,77	49	1112 02 12	297,11	51	1225 NS 84	141,14	314
1093 90	170,10	48	1103 02 60	201,25	49	1112 52 12	297,11	51	1225 P 44 84	297,29	315
1094 01	183,04	50	1103 02 75	197,11	49	1112 90 12	297,11	51	1225 P 65 84	411,42	315
1094 02	189,04	50	1103 52 10	197,13	49	1200			1225 Q 44 84	272,78	315
1094 52	189,04	50	1103 52 35	194,67	49	1216 84	111,88	314	1225 Q 65 84	412,61	315
1094 90	189,04	50	1103 52 50	194,77	49	1216 NS 84	111,88	314	1225 Q 84	258,42	315
1095 01	187,58	48	1103 52 60	201,25	49	1216 P 44 84	181,38	315	1225 Z 84	186,57	314
1095 02	172,91	48	1103 52 75	197,11	49	1216 P 65 84	250,73	315	1226 84	136,00	318
1095 52	172,91	48	1103 90 10	197,13	49	1216 P 84	179,40	315	1226 P 44 84	223,38	317
1095 90	172,91	48	1103 90 35	194,67	49	1216 Q 44 84	180,00	315	1226 P 65 84	308,24	317
1096 01	173,88	50	1103 90 50	194,77	49	1216 Q 65 84	256,70	315	1226 P 84	183,06	315
1096 02	179,07	50	1103 90 60	201,25	49	1216 Q 84	130,12	315	1226 Q 44 84	227,05	317
1096 52	179,07	50	1103 90 75	197,11	49	1216 Z 84	131,58	314	1226 Q 65 84	308,44	317
1096 90	179,07	50	1104 01 10	191,88	51	1217 84	124,25	314	1226 Q 84	181,66	317
1097 01	344,22	48	1104 01 35	191,26	51	1217 NS 84	124,25	314	1226 Z 84	184,30	318
1097 01 03	285,94	48	1104 01 50	191,16	51	1217 P 44 84	197,34	315	1227 84	136,00	318
1097 01 04	283,06	48	1104 01 60	193,39	51	1217 P 65 84	272,78	315	1227 P 44 84	223,38	317
1097 02	364,54	48	1104 01 75	191,78	51	1217 P 84	130,80	315	1227 P 65 84	412,69	317
1097 02 03	209,03	48	1104 02 10	197,64	51	1217 Q 44 84	201,23	315	1227 P 84	183,06	317
1097 02 04	258,07	48	1104 02 35	196,79	51	1217 Q 65 84	278,19	315	1227 Q 44 84	227,05	317
1097 52	354,04	48	1104 02 50	196,80	51	1217 Q 84	140,83	315	1227 Q 65 84	308,44	317
1097 52 03	298,03	48	1104 02 60	201,25	51	1217 Z 84	145,67	314	1227 Q 84	181,66	317
1097 52 04	256,57	48	1104 02 75	197,53	51	1218 84	111,88	314	1227 Z 84	164,31	318
1097 90	364,54	48	1104 52 10	197,64	51	1218 NS 84	111,88	314	1228 84	182,21	318
1097 90 03	288,03	48	1104 52 35	196,79	51	1218 P 44 84	181,38	315	1228 P 44 84	311,00	317
1097 90 04	296,57	48	1104 52 50	196,80	51	1218 P 65 84	401,55	315	1228 P 65 84	507,82	317
1098 01	382,67	50	1104 52 60	201,25	51	1218 P 84	128,40	315	1228 P 84	233,38	317
1098 01 03	286,34	50	1104 52 75	197,53	51	1218 Q 44 84	295,87	315	1228 P 84	318,24	317
1098 01 04	274,88	50	1104 90 10	197,64	51	1218 Q 65 84	256,70	315	1228 Q 65 84	412,64	317
1098 02	386,04	50	1104 90 35	196,79	51	1218 Q 84	130,12	315	1228 Q 84	254,10	317
1098 02 03	294,90	50	1104 90 50	196,80	51	1218 Z 84	131,58	314	1228 Z 84	197,48	318
1098 02 04	282,57	50	1104 90 60	201,25	51	1220 84	124,25	314	1229 84	218,29	318
1098 52	388,04	50	1104 90 75	197,53	51	1220 NS 84	124,25	314	1229 P 44 84	404,25	317
1098 52 03	294,90	50	1107 01	544,25	49	1220 P 44 84	197,34	315	1229 P 65 84	507,82	317
1098 52 04	282,57	50	1107 01 03	343,17	49	1220 P 65 84	354,77	315	1229 P 84	302,79	317
1098 90	388,04	50	1107 01 04	325,37	49	1220 P 84	139,80	315	1229 Q 44 84	411,31	317
1098 90 03	294,90	50	1107 02	580,57	49	1220 Q 44 84	261,50	315	1229 Q 65 84	508,94	317
1098 90 04	292,57	50	1107 02 03	384,22	49	1220 Q 65 84	278,19	315	1229 Q 84	333,28	317
1099 01	383,26	48	1107 02 04	335,68	49	1220 Q 84	140,83	315	1229 Z 84	261,50	318
1099 01 03	321,77	48	1107 52	580,57	49	1220 Z 84	145,67	314	1230 84	218,29	318
1099 01 04	303,23	48	1107 52 03	354,22	49	1221 84	131,33	314	1230 P 44 84	404,25	317
1099 02	384,75	48	1107 52 04	335,68	49	1221 NS 84	131,33	314	1230 P 65 84	412,69	317
1099 02 03	331,42	48	1107 90	580,57	49	1221 P 44 84	200,13	315	1230 P 84	302,79	317
1099 02 04	312,88	48	1107 90 03	354,22	49	1221 P 65 84	401,55	315	1230 Q 44 84	411,31	317
1099 52	384,75	48	1107 90 04	335,68	49	1221 P 84	208,45	315	1230 Q 65 84	508,94	317
1099 52 03	331,42	48	1108 01	584,34	51	1221 Q 44 84	295,87	315	1230 Q 84	333,28	317
1099 52 04	312,88	48	1108 01 03	348,03	51	1221 Q 65 84	408,57	315	1230 Z 84	261,50	318
1099 90	384,75	48	1108 01 04	329,49	51	1221 Q 84	207,87	315	1231 84	182,21	318

Ref.	€	Pag.	Ref.	€	Pag.	Ref.	€	Pag.	Ref.	€	Pag.
1231 F 44 84	311.09	317	1240 Z 84	200.62	309	1251 P 84	300.07	309	1261 Q 65 84 MF	219.63	325
1231 F 65 84	516.24	317	1241 84	151.97	309	1251 Q 44 84	409.01	309	1261 Q 65 84 MI	219.63	325
1231 P 84	203.36	317	1241 P 44 84	207.00	307	1251 Q 84	306.17	309	1261 Q 65 84 MP	219.63	325
1231 Q 44 84	326.65	317	1241 P 65 84	326.30	307	1251 Z 84	261.89	309	1261 Q 84 MP	154.88	323
1231 Q 65 84	412.94	317	1241 P 84	198.50	307	1252 84	201.00	340	1261 Q 84 MI	154.88	323
1231 Q 84	204.10	317	1241 Q 44 84	239.16	307	1252 P 44 84	300.71	341	1261 Q 84 MF	154.88	323
1231 Z 84	191.46	316	1241 Q 65 84	327.64	307	1252 P 84	229.94	341	1262 84 MP	117.21	322
1232 84	204.56	316	1241 Q 84	199.74	307	1252 Q 44 84	300.73	341	1262 84 MI	117.21	322
1232 P 44 84	427.46	317	1241 Z 84	179.32	306	1252 Q 65 84	411.74	341	1262 84 MF	117.21	322
1232 P 65 84	309.44	317	1242 84	151.97	306	1252 Q 84	411.79	341	1262 NS 84 MP	117.22	325
1232 P 84	329.01	317	1242 P 44 84	207.00	307	1252 Q 84	229.87	341	1262 NS 84 MI	117.22	325
1232 Q 44 84	426.14	317	1242 P 65 84	326.30	307	1252 Z 84	241.12	340	1262 NS 84 MF	117.22	325
1232 Q 65 84	516.27	317	1242 P 84	198.50	307	1253 84	201.00	340	1262 P 44 84 MF	141.94	324
1232 Q 84	330.33	317	1242 Q 44 84	239.16	307	1253 P 44 84	300.71	341	1262 P 44 84 MI	141.94	324
1232 Z 84	299.57	316	1242 Q 65 84	327.64	307	1253 P 84	229.94	341	1262 P 44 84 MP	141.94	324
1233 84	161.06	316	1242 Q 84	199.74	307	1253 Q 44 84	300.73	341	1262 P 65 84 MF	197.73	325
1233 P 44 84	266.27	319	1242 Z 84	179.32	306	1253 Q 65 84	411.74	341	1262 P 65 84 MI	197.73	325
1233 P 65 84	346.66	319	1243 84	175.13	306	1253 Q 65 84	411.79	341	1262 P 65 84 MP	197.73	325
1233 P 84	202.32	318	1243 P 44 84	207.00	307	1253 Q 84	229.87	341	1262 P 84 MP	139.80	323
1233 Q 44 84	266.30	319	1243 P 65 84	445.78	307	1253 Z 84	241.12	340	1262 P 84 MI	139.80	323
1233 Q 65 84	346.66	319	1243 P 84	231.75	307	1254 84	298.80	340	1262 P 84 MF	139.80	323
1233 Q 84	204.67	319	1243 Q 44 84	239.26	307	1254 P 44 84	476.78	341	1262 Q 44 84 MF	142.99	324
1233 Z 84	192.75	318	1243 Q 65 84	447.63	307	1254 P 65 84	648.24	341	1262 Q 44 84 MI	142.99	324
1234 84	161.33	316	1243 Q 84	232.69	307	1254 P 84	361.73	341	1262 Q 44 84 MP	142.99	324
1234 P 44 84	266.47	319	1243 Z 84	204.35	306	1254 Q 44 84	476.80	341	1262 Q 65 84 MF	197.73	325
1234 P 65 84	347.16	319	1244 84	289.79	306	1254 Q 65 84	648.26	341	1262 Q 65 84 MI	197.73	325
1234 P 84	202.45	318	1244 P 44 84	443.00	307	1254 Q 84	361.77	341	1262 Q 65 84 MP	197.73	325
1234 Q 44 84	266.60	319	1244 P 65 84	632.24	307	1254 Z 84	353.08	340	1262 Q 84 MP	139.80	323
1234 Q 65 84	347.16	319	1244 P 84	215.18	307	1255 84	298.80	340	1262 Q 84 MI	139.80	323
1234 Q 84	206.02	319	1244 Q 44 84	445.16	307	1255 P 44 84	476.78	341	1262 Q 84 MF	139.80	323
1234 Z 84	192.75	318	1244 Q 65 84	603.88	307	1255 P 65 84	648.24	341	1263 84 MP	139.28	322
1235 84	208.09	316	1244 Q 84	216.82	307	1255 P 84	361.73	341	1263 84 MI	139.28	322
1235 P 44 84	349.41	318	1244 Z 84	307.55	306	1255 Q 44 84	476.80	341	1263 84 MF	139.28	322
1235 P 65 84	486.91	319	1245 84	289.79	306	1255 Q 65 84	648.26	341	1263 NS 84 MP	139.09	325
1235 P 84	278.96	318	1245 P 44 84	443.00	307	1255 Q 84	361.77	341	1263 NS 84 MI	139.09	325
1235 Q 44 84	366.78	319	1245 P 65 84	632.24	307	1255 Z 84	353.08	340	1263 NS 84 MF	139.09	325
1235 Q 65 84	486.94	319	1245 P 84	218.30	307	1260 84 MP	117.22	322	1263 P 44 84 MF	191.06	324
1235 Q 84	280.50	319	1245 Q 44 84	445.16	307	1260 84 MI	117.22	322	1263 P 44 84 MI	191.06	324
1235 Z 84	239.20	318	1245 Q 65 84	603.88	307	1260 84 MF	117.22	322	1263 P 44 84 MP	191.06	324
1236 84	208.09	316	1245 Q 84	216.82	307	1260 NS 84 MP	117.22	325	1263 P 65 84 MF	219.98	325
1236 P 44 84	349.41	318	1245 Z 84	307.55	306	1260 NS 84 MI	117.22	325	1263 P 65 84 MI	219.98	325
1236 P 65 84	486.91	319	1246 84	277.66	306	1260 NS 84 MF	117.22	325	1263 P 65 84 MP	219.98	325
1236 P 84	278.96	318	1246 P 44 84	364.36	307	1260 P 44 84 MF	145.03	324	1263 P 84 MP	155.12	323
1236 Q 44 84	366.78	319	1246 P 65 84	513.04	307	1260 P 44 84 MI	145.03	324	1263 P 84 MI	155.12	323
1236 Q 65 84	486.94	319	1246 P 84	276.64	307	1260 P 44 84 MP	145.03	324	1263 P 84 MF	155.12	323
1236 Q 84	280.50	319	1246 Q 44 84	396.66	307	1260 P 65 84 MF	197.73	325	1263 Q 44 84 MF	192.12	324
1236 Z 84	239.20	318	1246 Q 65 84	514.88	307	1260 P 65 84 MI	197.73	325	1263 Q 44 84 MI	192.12	324
1237 84	171.66	320	1246 Q 84	276.66	307	1260 P 65 84 MP	197.73	325	1263 Q 44 84 MP	192.12	324
1237 P 44 84	341.00	321	1246 Z 84	264.40	306	1260 P 84 MP	139.80	323	1263 Q 65 84 MF	220.00	325
1237 P 65 84	346.99	321	1247 84	296.25	306	1260 P 84 MI	139.80	323	1263 Q 65 84 MI	220.00	325
1237 P 84	191.86	321	1247 P 44 84	463.60	307	1260 P 84 MF	139.80	323	1263 Q 65 84 MP	220.00	325
1237 Q 44 84	267.78	321	1247 P 65 84	616.04	307	1260 Q 44 84 MF	146.08	324	1263 Q 84 MP	155.15	323
1237 Q 65 84	346.09	321	1247 P 84	332.67	307	1260 Q 44 84 MI	146.08	324	1263 Q 84 MI	155.15	323
1237 Q 84	193.44	321	1247 Q 44 84	465.66	307	1260 Q 44 84 MP	146.08	324	1263 Q 84 MF	155.15	323
1237 Z 84	206.00	320	1247 Q 65 84	617.17	307	1260 Q 65 84 MF	197.73	325	1264 84 MP	141.71	322
1238 84	171.66	320	1247 Q 84	332.27	307	1260 Q 65 84 MI	197.73	325	1264 84 MI	141.71	322
1238 P 44 84	341.00	321	1247 Z 84	346.26	306	1260 Q 65 84 MP	197.73	325	1264 84 MF	141.71	322
1238 P 65 84	346.99	321	1248 84	199.90	309	1260 Q 84 MP	139.80	323	1264 84 MF	141.71	322
1238 P 84	191.86	321	1248 P 44 84	290.97	309	1260 Q 84 MI	139.80	323	1264 NS 84 MP	141.71	325
1238 Q 44 84	267.78	321	1248 P 65 84	218.66	309	1260 Q 84 MF	139.80	323	1264 NS 84 MI	141.71	325
1238 Q 65 84	346.09	321	1248 Q 44 84	292.62	309	1261 84 MP	139.09	322	1264 NS 84 MF	141.71	325
1238 Q 84	193.44	321	1248 Q 65 84	218.77	309	1261 84 MI	139.09	322	1264 P 44 84 MF	201.45	324
1238 Z 84	206.00	320	1248 Q 84	324.64	308	1261 84 MF	139.09	322	1264 P 44 84 MI	201.45	324
1239 84	241.67	320	1249 84	190.17	309	1261 NS 84 MP	139.09	325	1264 P 44 84 MP	201.45	324
1239 P 44 84	364.76	321	1249 P 44 84	290.97	309	1261 NS 84 MI	139.09	325	1264 P 65 84 MF	239.42	325
1239 P 65 84	484.34	321	1249 P 65 84	218.66	309	1261 NS 84 MF	139.09	325	1264 P 65 84 MI	239.42	325
1239 P 84	282.06	321	1249 Q 44 84	292.62	309	1261 P 44 84 MF	172.32	324	1264 P 65 84 MP	239.42	325
1239 Q 44 84	366.92	321	1249 Q 84	218.77	309	1261 P 44 84 MI	172.32	324	1264 P 84 MP	169.41	323
1239 Q 65 84	484.44	321	1249 Z 84	224.64	308	1261 P 44 84 MP	172.32	324	1264 P 84 MI	169.41	323
1239 Q 84	264.72	321	1250 84	247.23	309	1261 P 65 84 MF	219.61	325	1264 P 84 MF	169.41	323
1239 Z 84	200.62	320	1250 P 44 84	409.00	309	1261 P 65 84 MI	219.61	325	1264 Q 44 84 MF	202.63	324
1240 84	241.67	320	1250 P 84	308.07	309	1261 P 65 84 MP	219.61	325	1264 Q 44 84 MI	202.63	324
1240 P 44 84	364.76	321	1250 Q 44 84	409.01	309	1261 P 84 MP	154.86	323	1264 Q 44 84 MP	202.63	324
1240 P 65 84	484.34	321	1250 Q 84	309.17	309	1261 P 84 MI	154.86	323	1264 Q 65 84 MF	239.44	325
1240 P 84	282.06	321	1250 Z 84	291.69	309	1261 P 84 MF	154.86	323	1264 Q 65 84 MI	239.44	325
1240 Q 44 84	366.92	321	1250 Z 84	291.69	308	1261 Q 44 84 MF	173.38	324	1264 Q 65 84 MP	239.44	325
1240 Q 65 84	484.44	321	1251 84	247.23	308	1261 Q 44 84 MI	173.38	324	1264 Q 84 MP	169.44	323
1240 Q 84	264.72	321	1251 P 44 84	409.00	309	1261 Q 44 84 MP	173.38	324	1264 Q 84 MI	169.44	323

Ref.	€	Pag.	Ref.	€	Pag.	Ref.	€	Pag.	Ref.	€	Pag.
1265 84 MP	130,09	322	1268 P 44 84 MF	200,88	324	1271 Q 84 MP	154,14	321	1275 Q 44 84 MF	300,32	332
1265 84 MI	130,09	322	1268 P 44 84 MI	200,88	324	1271 Q 84 MI	154,14	321	1275 Q 44 84 MI	300,32	332
1265 84 MF	130,09	322	1268 P 44 84 MP	200,88	324	1271 Q 84 MF	154,14	321	1275 Q 44 84 MP	300,32	332
1265 NS 84 MP	130,09	326	1268 P 65 84 MF	250,37	325	1272 84 MP	153,65	320	1275 Q 65 84 MF	442,68	333
1265 NS 84 MI	130,09	326	1268 P 65 84 MI	250,37	325	1272 84 MI	153,65	320	1275 Q 65 84 MI	442,68	333
1265 NS 84 MF	130,09	326	1268 P 65 84 MP	250,37	325	1272 84 MF	153,65	320	1275 Q 65 84 MP	442,68	333
1265 P 44 84 MF	172,32	324	1268 P 84 MP	176,43	323	1272 P 44 84 MF	204,51	322	1275 Q 84 MP	259,87	331
1265 P 44 84 MI	172,32	324	1268 P 84 MI	176,43	323	1272 P 44 84 MI	204,51	322	1275 Q 84 MI	259,87	331
1265 P 44 84 MP	172,32	324	1268 P 84 MF	176,43	323	1272 P 44 84 MP	204,51	322	1275 Q 84 MF	259,87	331
1265 P 65 84 MF	219,64	325	1268 Q 44 84 MF	207,63	324	1272 P 65 84 MF	309,72	323	1276 84 MP	153,36	320
1265 P 65 84 MI	219,64	325	1268 Q 44 84 MI	207,63	324	1272 P 65 84 MI	309,72	323	1276 84 MI	153,36	320
1265 P 65 84 MP	219,64	325	1268 Q 44 84 MP	207,63	324	1272 P 65 84 MP	309,72	323	1276 84 MF	153,36	320
1265 P 84 MP	154,86	323	1268 Q 65 84 MF	257,91	325	1272 P 84 MP	212,38	321	1276 P 44 84 MF	294,13	322
1265 P 84 MI	154,86	323	1268 Q 65 84 MI	250,40	325	1272 P 84 MI	212,38	321	1276 P 44 84 MI	294,13	322
1265 P 84 MF	154,86	323	1268 Q 65 84 MP	250,40	325	1272 P 84 MF	212,38	321	1276 P 44 84 MP	294,13	322
1265 Q 44 84 MF	173,38	324	1268 Q 84 MF	176,47	323	1272 Q 44 84 MF	204,53	322	1276 P 65 84 MF	309,20	323
1265 Q 44 84 MI	173,38	324	1268 Q 84 MI	176,47	323	1272 Q 44 84 MI	204,53	322	1276 P 65 84 MI	309,20	323
1265 Q 44 84 MP	173,38	324	1268 Q 84 MF	176,47	323	1272 Q 44 84 MP	204,53	322	1276 P 65 84 MP	309,20	323
1265 Q 65 84 MF	219,65	325	1268 84 MP	130,43	320	1272 Q 65 84 MF	309,74	323	1276 P 84 MP	212,05	321
1265 Q 65 84 MI	219,65	325	1268 84 MI	130,43	320	1272 Q 65 84 MI	309,74	323	1276 P 84 MI	212,05	321
1265 Q 65 84 MP	219,65	325	1268 84 MF	130,43	320	1272 Q 65 84 MP	309,74	323	1276 P 84 MF	212,05	321
1265 Q 84 MP	154,90	323	1268 P 44 84 MF	213,99	322	1272 Q 84 MP	212,38	321	1276 Q 44 84 MF	294,14	322
1265 Q 84 MI	154,90	323	1268 P 44 84 MI	213,99	322	1272 Q 84 MI	212,38	321	1276 Q 44 84 MI	294,14	322
1265 Q 84 MF	154,90	323	1268 P 44 84 MP	213,99	322	1272 Q 84 MF	212,38	321	1276 Q 44 84 MP	294,14	322
1266 84 MP	141,84	322	1268 P 65 84 MF	290,18	323	1273 84 MP	206,29	320	1276 Q 65 84 MF	309,22	323
1266 84 MI	141,84	322	1268 P 65 84 MI	290,18	323	1273 84 MI	206,29	320	1276 Q 65 84 MI	309,22	323
1266 84 MF	141,84	322	1268 P 65 84 MP	290,18	323	1273 84 MF	206,29	320	1276 Q 65 84 MP	309,22	323
1266 NS 84 MP	141,84	326	1268 P 84 MP	154,12	321	1273 P 44 84 MF	300,30	322	1276 Q 84 MP	212,08	321
1266 NS 84 MI	141,84	326	1268 P 84 MI	154,12	321	1273 P 44 84 MI	300,30	322	1276 Q 84 MI	212,08	321
1266 NS 84 MF	141,84	326	1268 P 84 MF	154,12	321	1273 P 44 84 MP	300,30	322	1276 Q 84 MF	212,08	321
1266 P 44 84 MF	201,56	324	1268 Q 44 84 MF	214,00	322	1273 P 65 84 MF	442,86	323	1277 84 MP	130,33	320
1266 P 44 84 MI	201,56	324	1268 Q 44 84 MI	214,00	322	1273 P 65 84 MI	442,86	323	1277 84 MI	130,33	320
1266 P 44 84 MP	201,56	324	1268 Q 44 84 MP	214,00	322	1273 P 65 84 MP	442,86	323	1277 84 MF	130,33	320
1266 P 65 84 MF	239,06	325	1268 Q 65 84 MF	290,20	323	1273 P 84 MP	259,85	321	1277 P 44 84 MF	300,36	322
1266 P 65 84 MI	239,06	325	1268 Q 65 84 MI	290,20	323	1273 P 84 MI	259,85	321	1277 P 44 84 MI	300,36	322
1266 P 65 84 MP	239,06	325	1268 Q 65 84 MP	290,20	323	1273 P 84 MF	259,85	321	1277 P 44 84 MP	300,36	322
1266 P 84 MP	169,54	323	1268 Q 84 MF	154,14	321	1273 Q 44 84 MF	300,32	322	1277 P 65 84 MF	530,09	323
1266 P 84 MI	169,54	323	1268 Q 84 MI	154,14	321	1273 Q 44 84 MI	300,32	322	1277 P 65 84 MI	530,09	323
1266 P 84 MF	169,54	323	1268 Q 84 MP	154,14	321	1273 Q 44 84 MP	300,32	322	1277 P 65 84 MP	530,09	323
1266 Q 44 84 MF	202,63	324	1270 84 MP	147,47	320	1273 Q 65 84 MF	442,86	323	1277 P 84 MP	280,82	321
1266 Q 44 84 MI	202,63	324	1270 84 MI	147,47	320	1273 Q 65 84 MI	442,86	323	1277 P 84 MI	280,82	321
1266 Q 44 84 MP	202,63	324	1270 84 MF	147,47	320	1273 Q 65 84 MP	442,86	323	1277 P 84 MF	280,82	321
1266 Q 65 84 MF	239,44	325	1270 P 44 84 MF	261,04	322	1273 Q 84 MP	259,87	321	1277 Q 44 84 MF	300,38	322
1266 Q 65 84 MI	239,44	325	1270 P 44 84 MI	261,04	322	1273 Q 84 MI	259,87	321	1277 Q 44 84 MI	300,38	322
1266 Q 65 84 MP	239,44	325	1270 P 44 84 MP	261,04	322	1273 Q 84 MF	259,87	321	1277 Q 44 84 MP	300,38	322
1266 Q 84 MP	169,55	323	1270 P 65 84 MF	354,20	323	1274 84 MP	155,69	320	1277 Q 65 84 MF	530,11	323
1266 Q 84 MI	169,55	323	1270 P 65 84 MI	354,20	323	1274 84 MI	155,69	320	1277 Q 65 84 MI	530,11	323
1266 Q 84 MF	169,55	323	1270 P 65 84 MP	354,20	323	1274 84 MF	155,69	320	1277 Q 65 84 MP	530,11	323
1267 84 MP	130,34	322	1270 P 84 MP	189,67	321	1274 P 44 84 MF	271,30	322	1277 Q 84 MP	280,82	321
1267 84 MI	130,34	322	1270 P 84 MI	189,67	321	1274 P 44 84 MI	271,30	322	1277 Q 84 MI	280,82	321
1267 84 MF	130,34	322	1270 P 84 MF	189,67	321	1274 P 44 84 MP	271,30	322	1277 Q 84 MF	280,82	321
1267 NS 84 MP	130,33	326	1270 Q 44 84 MF	261,06	322	1274 P 65 84 MF	369,15	323	1300		
1267 NS 84 MI	130,33	326	1270 Q 44 84 MI	261,06	322	1274 P 65 84 MI	369,15	323	1300 136 84	67,16	323
1267 NS 84 MF	130,33	326	1270 Q 44 84 MP	261,06	322	1274 P 65 84 MP	369,15	323	1300 155 84	100,36	320
1267 P 44 84 MF	191,11	324	1270 Q 65 84 MF	354,22	323	1274 P 84 MP	195,85	321	1300 236 84	109,90	320
1267 P 44 84 MI	191,11	324	1270 Q 65 84 MI	354,22	323	1274 P 84 MI	195,85	321	1300 255 84	111,99	320
1267 P 44 84 MP	191,11	324	1270 Q 65 84 MP	354,22	323	1274 P 84 MF	195,85	321	1301 236 84	109,90	320
1267 P 65 84 MF	220,05	325	1270 Q 84 MF	199,69	321	1274 Q 44 84 MF	271,31	322	1301 255 84	111,99	320
1267 P 65 84 MI	220,05	325	1270 Q 84 MI	199,69	321	1274 Q 44 84 MI	271,31	322	1302 136 84	120,61	324
1267 P 65 84 MP	220,05	325	1270 Q 84 MP	199,69	321	1274 Q 44 84 MP	271,31	322	1302 155 84	122,57	324
1267 P 84 MP	156,18	323	1271 84 MP	130,43	320	1274 Q 65 84 MF	369,17	323	1302 236 84	133,25	324
1267 P 84 MI	156,18	323	1271 84 MI	130,43	320	1274 Q 65 84 MI	369,17	323	1302 255 84	137,11	324
1267 P 84 MF	156,18	323	1271 84 MF	130,43	320	1274 Q 65 84 MP	369,17	323	1305 A 118 84	71,17	328
1267 Q 44 84 MF	192,18	324	1271 P 44 84 MF	213,99	322	1274 Q 84 MP	195,86	321	1305 A 136 84	86,80	328
1267 Q 44 84 MI	192,18	324	1271 P 44 84 MI	213,99	322	1274 Q 84 MI	195,86	321	1305 A 158 84	98,21	328
1267 Q 44 84 MP	192,18	324	1271 P 44 84 MP	213,99	322	1274 Q 84 MF	195,86	321	1305 A 218 84	67,36	328
1267 Q 65 84 MF	220,06	325	1271 P 65 84 MF	290,18	323	1275 84 MP	206,29	320	1305 A 238 84	80,44	328
1267 Q 65 84 MI	220,06	325	1271 P 65 84 MI	290,18	323	1275 84 MI	206,29	320	1305 A 258 84	126,32	328
1267 Q 65 84 MP	220,06	325	1271 P 65 84 MP	290,18	323	1275 84 MF	206,29	320	1305 A 318 84	86,42	328
1267 Q 84 MP	156,20	323	1271 P 84 MP	154,12	321	1275 P 44 84 MF	300,30	322	1305 A 338 84	137,20	328
1267 Q 84 MI	156,20	323	1271 P 84 MI	154,12	321	1275 P 44 84 MI	300,30	322	1305 A 418 84	94,55	328
1267 Q 84 MF	156,20	323	1271 P 84 MF	154,12	321	1275 P 44 84 MP	300,30	322	1305 A 436 84	148,42	328
1268 84 MP	148,18	322	1271 Q 44 84 MF	214,00	322	1275 P 65 84 MF	442,86	323	1305 B 118 84	70,76	328
1268 84 MI	148,18	322	1271 Q 44 84 MI	214,00	322	1275 P 65 84 MI	442,86	323	1305 B 138 84	85,07	328
1268 84 MF	148,18	322	1271 Q 44 84 MP	214,00	322	1275 P 65 84 MP	442,86	323	1305 B 158 84	67,29	328
1268 NS 84 MP	148,17	326	1271 Q 65 84 MF	290,20	323	1275 P 84 MP	259,85	321	1305 B 218 84	66,14	328
1268 NS 84 MI	148,17	326	1271 Q 65 84 MI	290,20	323	1275 P 84 MI	259,85	321	1305 B 238 84	79,93	328
1268 NS 84 MF	148,17	326	1271 Q 65 84 MP	290,20	323	1275 P 84 MF	259,85	321	1305 B 258 84	104,24	328

Ref.	€	Pag.	Ref.	€	Pag.	Ref.	€	Pag.	Ref.	€	Pag.
1305 B 318 84	84,77	308	1387 236 84	143,88	353	1510 L 90 114	391,00	361	2021	2,67	66
1305 B 336 84	136,69	308	1387 255 84	145,74	353	1510 L 90 124	391,00	361	2022	2,88	66
1305 B 418 84	90,52	309	1388 136 84	164,92	355	1511 L 01 114	470,44	363	2023	2,57	66
1305 B 436 84	147,65	309	1388 155 84	167,63	355	1511 L 01 124	470,44	363	2024	2,88	66
1305 P 44 118 84	111,96	309	1388 236 84	179,60	355	1511 L 02 114	484,57	363	2025	2,67	66
1305 P 44 136 84	154,19	309	1388 255 84	182,17	355	1511 L 02 124	484,57	363	2026	7,54	443
1305 P 44 158 84	174,33	309	1400			1511 L 90 114	484,57	363	2027	7,51	443
1305 P 44 218 84	106,81	308	1448 01 13 84	47,38	198	1511 L 90 124	484,57	363	2029	6,92	443
1305 P 44 236 84	166,21	309	1448 05 13 84	51,52	198	1512 L 01 114	605,15	362	2050	37,05	66
1305 P 44 258 84	210,09	309	1448 52 13 84	51,52	198	1512 L 01 124	605,15	362	2051	60,26	66
1305 P 44 318 84	152,14	309	1448 90 13 84	51,52	198	1512 L 02 114	623,28	362	2052	65,44	66
1305 P 44 336 84	252,14	309	1449 01 18 84	47,40	198	1512 L 02 124	623,28	362	2053	60,04	66
1305 P 44 418 84	158,31	309	1449 05 18 84	51,54	198	1512 L 90 114	623,28	362	2060	102,79	67
1305 P 44 436 84	202,03	309	1449 52 18 84	51,54	198	1512 L 90 124	623,28	362	2068	102,79	441
1305 P 65 118 84	147,08	309	1449 90 18 84	51,54	198	1513 L 01 214	833,33	364	2061	125,76	67
1305 P 65 136 84	203,70	308	1450 01 26 84	48,45	198	1513 L 01 224	833,33	364	2061	125,76	441
1305 P 65 158 84	228,40	309	1450 52 26 84	51,56	198	1513 L 02 214	856,33	364	2068	42,45	440
1305 P 65 218 84	144,30	309	1450 90 26 84	51,56	198	1513 L 02 224	856,33	364	2081	75,47	440
1305 P 65 236 84	241,23	309	1450 90 26 84	51,56	198	1513 L 90 214	856,33	364	2082	139,25	440
1305 P 65 258 84	278,02	309	1500			1513 L 90 224	856,33	364	2083	158,72	440
1305 P 65 318 84	199,92	309	1500 L 01	575,10	360	1514 L 01 214	605,22	365	2084	57,89	66
1305 P 65 336 84	307,13	309	1500 L 01 03	430,48	360	1514 L 01 224	605,22	365	2085	60,26	66
1305 P 65 418 84	207,14	309	1500 L 02	592,37	360	1514 L 02 214	623,38	365	2086	65,54	66
1305 P 65 436 84	349,89	308	1500 L 02 03	443,40	360	1514 L 02 224	623,38	365	2087	63,49	66
1305 P 118 84	90,85	309	1500 L 90	582,37	360	1514 L 90 214	623,38	365	2088	6,29	67
1305 P 136 84	120,92	309	1500 L 90 03	443,40	360	1514 L 90 224	623,38	365	2089	67,68	66
1305 P 158 84	130,35	309	1501 L 01 114	410,72	361	2000			2089	57,85	441
1305 P 218 84	84,35	309	1501 L 01 214	410,72	361	2000 01 13	121,02	446	3000 01 09 86	151,61	178
1305 P 236 84	128,96	308	1501 L 02 114	423,06	361	2000 01 15	287,16	446	3000 02 09 86	156,14	178
1305 P 258 84	173,35	309	1501 L 02 214	423,06	361	2000 09 13	133,12	446	3000 52 09 86	156,14	178
1305 P 318 84	121,54	309	1501 L 90 114	423,06	361	2000 09 15	287,16	446	3000 90 09 86	156,14	178
1305 P 336 84	203,56	309	1501 L 90 214	423,06	361	2000 12 13	133,12	446	3001 01 17 85	189,72	178
1305 P 418 84	126,79	309	1502 L 01 114	615,05	363	2000 12 15	287,16	446	3001 02 17 85	193,74	178
1305 P 436 84	218,37	309	1502 L 01 124	615,05	363	2000 13 13	133,12	446	3001 52 17 85	193,74	178
1305 Q 44 118 84	112,04	309	1502 L 02 114	633,52	363	2000 13 15	287,16	446	3001 90 17 85	193,74	178
1305 Q 44 136 84	154,21	309	1502 L 02 124	633,52	363	2001 01 13	135,96	447	3002 01 25 85	201,67	177
1305 Q 44 158 84	174,37	309	1502 L 90 114	633,52	363	2001 01 20	299,31	447	3002 02 25 85	205,89	177
1305 Q 44 218 84	106,83	309	1502 L 90 124	633,52	363	2001 09 13	148,32	447	3002 52 25 85	205,89	177
1305 Q 44 236 84	166,23	309	1503 01 214	294,57	369	2001 09 20	299,31	447	3002 90 25 85	205,89	177
1305 Q 44 258 84	216,14	309	1503 01 224	294,57	369	2001 12 13	148,32	447	3003 01 29 85	277,21	178
1305 Q 44 318 84	152,29	309	1503 02 214	303,66	369	2001 12 20	299,31	447	3003 02 29 85	233,29	178
1305 Q 44 336 84	252,17	309	1503 02 224	303,66	369	2001 13 13	148,32	447	3003 52 29 85	233,29	178
1305 Q 44 418 84	158,33	309	1503 90 214	303,66	369	2001 13 20	299,31	447	3003 90 29 85	233,29	178
1305 Q 44 436 84	202,05	309	1503 90 224	303,66	369	2002 01 30	917,11	449	3010 01 14 84	288,60	180
1305 Q 65 118 84	147,19	308	1505 L 01	625,71	360	2002 01 35	612,85	449	3010 02 14 84	297,68	180
1305 Q 65 136 84	202,81	309	1505 L 01 03	818,83	360	2002 01 35	612,85	449	3010 52 14 84	297,68	180
1305 Q 65 158 84	278,01	309	1505 L 02	653,48	360	2002 09 30	917,11	449	3010 90 14 84	297,68	180
1305 Q 65 218 84	144,41	309	1505 L 02 03	641,02	360	2002 12 30	917,11	449	3011 01 16 83	295,71	180
1305 Q 65 236 84	241,25	309	1505 L 90	953,48	360	2002 12 35	623,15	448	3011 02 16 83	304,68	180
1305 Q 65 258 84	279,05	309	1505 L 90 03	641,02	360	2002 13 30	917,11	449	3011 52 16 83	304,68	180
1305 Q 65 318 84	198,84	309	1506 L 01 114	651,79	362	2002 13 35	623,15	448	3011 90 16 83	304,68	180
1305 Q 65 336 84	307,15	309	1506 L 01 124	651,79	362	2003 01 13	194,05	448	3012 01 26 84	213,22	180
1305 Q 65 418 84	201,15	309	1506 L 02 114	671,24	362	2003 01 15	319,00	448	3012 01 29 83	320,84	180
1305 Q 65 436 84	343,10	309	1506 L 02 124	671,24	362	2003 09 13	213,45	448	3012 02 26 84	322,49	180
1305 Q 118 84	91,38	309	1506 L 90 114	671,24	362	2003 09 15	319,00	448	3012 02 29 83	330,46	180
1305 Q 136 84	122,05	309	1506 L 90 124	671,24	362	2003 12 13	213,45	448	3012 52 26 84	322,49	180
1305 Q 158 84	131,48	309	1507 L 01 214	925,64	364	2003 12 15	319,00	448	3012 52 29 83	330,46	180
1305 Q 218 84	95,41	309	1507 L 01 224	925,64	364	2003 13 13	213,45	448	3012 52 29 83	330,46	180
1305 Q 236 84	130,08	309	1507 L 02 214	954,47	364	2003 13 15	319,00	448	3012 90 29 83	330,46	180
1305 Q 258 84	174,48	309	1507 L 02 224	954,47	364	2005 01 83	129,36	65	3013 01 50 83	505,00	180
1305 Q 318 84	122,67	309	1507 L 90 214	954,47	364	2005 01 86	129,36	65	3013 01 50 84	486,96	180
1305 Q 336 84	206,50	309	1507 L 90 224	954,47	364	2006 01 83	193,43	65	3013 02 50 83	620,15	180
1305 Q 418 84	127,93	309	1508 L 01 214	651,88	365	2006 01 86	193,43	65	3013 02 50 84	600,53	180
1305 Q 436 84	216,61	309	1508 L 01 224	651,88	365	2007 01 83	307,24	65	3013 52 50 83	620,15	180
1305 Z 118 84	93,88	308	1508 L 02 214	651,88	365	2007 01 86	307,24	65	3013 52 50 84	600,53	180
1305 Z 136 84	111,45	309	1508 L 02 224	651,88	365	2008 01	195,28	65	3013 90 50 83	620,15	180
1305 Z 158 84	126,79	308	1508 L 90 214	651,90	365	2009 01	308,58	65	3013 90 50 84	600,53	180
1305 Z 218 84	85,18	309	1508 L 90 224	651,90	365	2012 01 83	153,39	439	3020 01 86	185,21	66
1305 Z 236 84	105,16	308	1509 01 314	482,84	367	2012 01 86	153,39	439	3020 02 86	185,21	66
1305 Z 258 84	136,55	308	1509 01 324	493,14	367	2013 01 83	205,79	439	3020 05 86	193,68	66
1305 Z 318 84	108,80	308	1509 02 314	497,34	367	2013 01 86	205,79	439	3020 52 86	185,21	66
1305 Z 336 84	179,50	308	1509 02 324	507,65	367	2014 01 83	306,89	439	3020 60 86	193,68	66
1305 Z 418 84	118,89	308	1509 90 314	497,34	367	2014 01 86	306,89	439	3020 70 86	193,68	66
1305 Z 436 84	192,20	309	1509 90 324	507,65	367	2015 01	224,95	439	3020 80 86	185,21	66
1306 136 84	131,84	361	1510 L 01 114	379,61	361	2016 01	342,47	439	3020 91 86	193,45	66
1306 155 84	134,10	361	1510 L 01 124	379,61	361	2017 01 83	193,74	65	3021 01 86	258,94	66
1306 236 84	143,66	361	1510 L 02 114	391,00	361	2017 01 84	193,74	65	3021 02 86	258,94	66
1306 255 84	146,74	361	1510 L 02 124	391,00	361	2020	2,68	66	3021 45 86	268,31	66

Ref	€	Pag	Ref	€	Pag	Ref	€	Pag	Ref	€	Pag
3021 52 86	265,54	68	3040 60 07	441,01	112	3068 R 90 35	370,02	19	3086	139,00	466
3021 60 86	265,31	68	3040 70 07	441,01	112	3068 R 90 70	370,94	19	3096 14 14 84	391,00	369
3021 70 86	265,31	68	3040 90 07	441,01	112	3068 01 10 45	187,22	252	3096 14 21 84	470,45	369
3021 90 86	265,54	68	3041 01 08	491,41	112	3068 01 35 24	180,41	252	3096 14 28 84	470,45	369
3021 91 86	268,31	68	3041 02 08	505,15	112	3068 01 50 45	180,43	252	3096 14 35 84	470,45	369
3022 01 86	325,88	68	3041 12 08	505,15	112	3068 01 60 45	190,02	252	3096 21 21 84	397,16	369
3022 02 86	325,88	68	3041 60 08	505,15	112	3068 01 75 45	187,00	252	3096 21 35 84	470,45	369
3022 45 86	352,67	68	3041 70 08	505,15	112	3068 02 10 45	191,25	252	3096 28 28 84	397,16	369
3022 52 86	325,88	68	3041 90 08	505,15	112	3068 02 35 24	184,74	252	3096 28 35 84	470,45	369
3022 60 86	352,67	68	3042 01 14	549,64	112	3068 02 50 45	184,76	252	3096 35 35 84	397,06	369
3022 70 86	352,67	68	3042 02 14	549,64	112	3068 02 60 45	194,26	252	3098 118	17,80	382
3022 90 86	325,88	68	3042 12 14	549,64	112	3068 02 75 45	191,23	252	3098 136	18,90	382
3022 91 86	352,67	68	3042 60 14	549,64	112	3068 52 10 45	191,25	252	3098 158	21,40	382
3024 01 86	198,08	68	3042 70 14	549,64	112	3068 52 35 24	184,74	252	3098 218	17,80	382
3024 02 86	198,08	68	3042 90 14	549,64	112	3068 52 50 45	184,76	252	3098 238	18,90	382
3024 45 86	207,98	68	3043 01 17	613,52	113	3068 52 60 45	194,26	252	3098 258	21,40	382
3024 52 86	198,08	68	3043 02 17	631,67	113	3068 52 75 45	191,23	252	3099 118	35,00	382
3024 60 86	207,98	68	3043 12 17	631,67	113	3068 90 10 45	191,25	252	3099 136	39,60	382
3024 70 86	207,98	68	3043 60 17	631,67	113	3068 90 35 24	184,74	252	3099 158	42,80	382
3024 90 86	198,08	68	3043 70 17	631,67	113	3068 90 50 45	184,76	252	3099 218	35,00	382
3024 91 86	207,98	68	3043 90 17	631,67	113	3068 90 60 45	194,26	252	3099 238	38,80	382
3025 01 86	268,41	68	3044 01 30	612,77	113	3068 90 75 45	191,23	252	3099 258	42,80	382
3025 02 86	268,47	68	3044 02 30	637,15	113	3068 L 01 14	310,13	253	3100		
3025 45 86	281,83	68	3044 12 30	637,15	113	3068 L 02 14	314,25	253	3100 114	15,90	383
3025 52 86	268,41	68	3044 60 30	637,15	113	3068 L 52 14	314,25	253	3100 121	17,80	383
3025 60 86	281,83	68	3044 70 30	637,15	113	3068 L 90 14	314,25	253	3100 129	18,90	383
3025 70 86	281,83	68	3044 90 30	637,15	113	3068 R 01 35	377,70	253	3100 135	18,90	383
3025 90 86	281,83	68	3045 01 35	698,17	113	3068 R 01 70	378,11	253	3100 214	15,90	383
3025 91 86	281,83	68	3045 02 35	1.028,11	113	3068 R 02 35	382,02	253	3100 221	17,80	383
3026 01 86	348,75	68	3045 12 35	1.028,11	113	3068 R 02 70	382,33	253	3100 228	18,90	383
3026 02 86	348,75	68	3045 60 35	1.028,11	113	3068 R 52 35	387,02	253	3100 235	19,00	383
3026 45 86	366,22	68	3045 70 35	1.028,11	113	3068 R 52 70	382,33	253	3101 114	21,80	383
3026 52 86	348,75	68	3045 90 35	1.028,11	113	3068 R 90 35	382,02	253	3101 121	38,80	383
3026 60 86	366,22	68	3060 83	12,75	454	3068 R 90 70	382,33	253	3101 128	37,80	383
3026 70 86	348,75	68	3060 85	12,75	454	3072 01 13 84	54,14	194	3101 135	38,80	383
3026 90 86	348,75	68	3060 86	12,75	454	3072 01 18 84	54,16	194	3101 214	21,80	383
3026 91 86	366,22	68	3061 17 83	111,24	454	3072 01 26 84	54,18	194	3101 221	35,80	383
3027	26,40	69	3061 17 84	111,24	454	3072 01 32 84	102,89	194	3101 228	37,80	383
3029	21,80	69	3061 17 85	83,52	454	3072 01 32 84	107,21	194	3101 235	20,80	383
3030 01 86	407,07	34	3061 25 83	154,34	454	3072 02 13 84	83,37	194	3103 16 82	46,94	463
3030 02 86	419,79	34	3061 25 84	154,34	454	3072 02 18 84	80,39	194	3103 20 82	46,98	463
3030 12 86	419,79	34	3061 29 85	139,25	454	3072 02 26 84	80,41	194	3103 23 82	46,97	463
3030 60 86	419,79	34	3062 17 83	244,68	454	3072 02 32 84	107,53	194	3103 23 86	47,00	463
3030 70 86	419,79	34	3062 19 84	252,87	454	3072 02 32 84	107,55	194	3110 01	18,77	389
3030 90 86	419,79	34	3062 32 83	272,50	454	3072 52 13 84	88,37	194	3110 52	21,75	389
3031 01 86	470,81	34	3062 36 84	279,05	454	3072 52 18 84	80,39	194	3111 01	23,97	389
3031 02 86	484,00	34	3062 50 83	483,48	454	3072 52 26 84	80,41	194	3111 52	28,28	389
3031 12 86	484,00	34	3062 50 84	482,88	454	3072 52 32 84	107,53	194	3112 01	28,81	389
3031 60 86	484,90	34	3068 01 10 45	173,08	18	3072 52 32 84	107,55	194	3112 52	42,80	389
3031 70 86	484,90	34	3068 01 35 24	188,98	18	3072 90 13 84	80,37	194	3113 01	44,12	389
3031 90 86	484,90	34	3068 01 50 45	184,08	18	3072 90 18 84	80,39	194	3113 52	48,53	389
3032 01 86	513,04	34	3068 01 60 45	175,51	18	3072 90 26 84	80,41	194	3114 01	64,21	389
3032 02 86	528,43	34	3068 01 75 45	173,57	18	3072 90 32 84	107,53	194	3114 52	70,75	389
3032 12 86	528,43	34	3068 02 10 45	179,92	18	3072 90 32 84	107,55	194	3115 01	240,20	389
3032 60 86	528,43	34	3068 02 35 24	173,30	18	3073 01 13 84	88,78	194	3115 52	374,22	389
3032 70 86	528,43	34	3068 02 50 45	173,30	18	3073 01 18 84	89,78	194	3116 01	31,23	389
3032 90 86	528,43	34	3068 02 60 45	182,92	18	3073 01 26 84	88,80	194	3116 52	34,38	389
3033 01 86	592,97	35	3068 02 75 45	179,89	18	3073 01 32 84	123,18	194	3117 01	54,44	389
3033 02 86	610,75	35	3068 52 10 45	179,94	18	3073 01 42 84	123,20	194	3117 52	68,88	389
3033 12 86	610,75	35	3068 52 35 24	173,30	18	3073 02 13 84	72,34	194	3118 01	28,81	389
3033 60 86	610,75	35	3068 52 50 45	173,32	18	3073 02 18 84	72,36	194	3118 52	42,68	389
3033 70 86	610,75	35	3068 52 60 45	182,94	18	3073 02 26 84	72,38	194	3119 01	64,89	389
3033 90 86	610,75	35	3068 52 75 45	179,89	18	3073 02 32 84	130,19	194	3119 52	71,04	389
3034 01 86	792,17	36	3068 90 10 45	179,88	18	3073 02 42 84	130,21	194	3120 01	24,66	389
3034 02 86	818,90	35	3068 90 35 24	173,30	18	3073 52 13 84	72,34	194	3120 52	27,00	389
3034 12 86	818,90	35	3068 90 50 45	173,34	18	3073 52 18 84	72,36	194	3121 01	319,02	389
3034 60 86	818,90	35	3068 90 60 45	182,98	18	3073 52 26 84	72,38	194	3121 52	361,47	389
3034 70 86	818,90	35	3068 90 75 45	179,89	18	3073 52 32 84	130,19	194	3122 01	48,89	389
3034 90 86	818,90	35	3068 L 01 14	298,59	19	3073 52 42 84	130,21	194	3122 52	51,89	389
3035 01 86	977,57	35	3068 L 02 14	302,92	19	3073 90 13 84	72,34	194	3123 01	193,14	389
3035 02 86	1.006,89	35	3068 L 52 14	302,92	19	3073 90 18 84	72,36	194	3123 52	168,44	389
3035 12 86	1.006,89	35	3068 L 90 14	302,92	19	3073 90 26 84	72,38	194	3124 01	1.020,14	389
3035 60 86	1.006,89	35	3068 R 01 35	388,28	19	3073 90 32 84	130,19	194	3124 52	1.129,15	389
3035 70 86	1.006,89	35	3068 R 01 70	388,57	19	3073 90 42 84	130,21	194	3125 01	20,18	389
3035 90 86	1.006,89	35	3068 R 02 35	370,89	19	3082	44,48	468	3125 52	22,20	389
3040 01 07	441,01	112	3068 R 02 70	370,89	19	3083	54,74	468	3126 01	28,24	389
3040 02 07	441,01	112	3068 R 52 35	370,61	19	3084	54,74	468	3126 52	28,28	389
3040 12 07	441,01	112	3068 R 52 70	370,62	19	3085	86,10	468	3127 01	11,45	389

Ref.	€	Pag.	Ref.	€	Pag.	Ref.	€	Pag.	Ref.	€	Pag.
3127 52	12,59	399	3159 30 86	295,40	457	3200	6,18	463	3206 P 01 121	164,80	373
3130 01 1414	471,00	396	3159 36 83	299,80	457	3202 01	257,08	74	3206 P 01 124	169,90	373
3130 01 1424	493,01	399	3159 38 85	299,80	457	3202 02	261,82	74	3206 P 01 128	198,10	373
3130 01 1439	496,90	396	3159 38 86	299,80	457	3202 52	261,82	74	3206 P 01 135	227,60	373
3130 01 2414	496,70	396	3159 42 83	340,60	457	3202 90	261,82	74	3206 P 01 139	168,80	373
3130 01 2424	497,61	396	3159 42 85	340,60	457	3204 90 83	706,78	430	3206 P 01 149	227,60	373
3130 01 2439	498,93	399	3162 09 83	77,20	457	3204 90 86	710,49	430	3206 P 01 154	198,10	373
3130 52 1414	496,70	396	3162 09 85	77,20	457	3205 90 83	613,48	429	3206 P 01 180	236,80	373
3130 52 1424	505,77	396	3162 09 86	77,20	457	3205 90 86	616,76	429	3206 P 01 214	167,10	375
3130 52 1439	512,11	396	3162 15 83	106,10	457	3206 01 114	157,16	372	3206 P 01 221	174,20	375
3130 52 2414	493,01	399	3162 15 85	106,10	457	3206 01 121	164,80	372	3206 P 01 224	169,90	375
3130 52 2424	502,76	396	3162 15 86	106,10	457	3206 01 124	169,90	372	3206 P 01 228	208,70	375
3130 52 2439	503,78	396	3162 20 83	138,60	457	3206 01 128	196,16	372	3206 P 01 235	238,70	375
3131 01 1426	598,33	397	3162 20 85	138,60	457	3206 01 135	227,60	372	3206 P 01 239	175,25	375
3131 01 1454	668,56	397	3162 20 86	138,60	457	3206 01 139	168,80	372	3206 P 01 249	238,70	375
3131 01 2426	610,66	397	3163 09 83	98,80	457	3206 01 149	227,60	372	3206 P 01 254	208,70	375
3131 01 2454	637,06	397	3163 09 85	98,80	457	3206 01 154	198,16	372	3206 P 01 280	254,40	375
3131 52 1426	636,06	397	3163 09 86	98,80	457	3206 01 180	236,90	372	3206 P 02 114	162,40	373
3131 52 1454	636,97	397	3163 15 83	132,10	457	3206 01 214	202,10	374	3206 P 02 121	168,90	373
3131 52 2426	648,41	397	3163 15 85	132,10	457	3206 01 221	209,20	374	3206 P 02 124	164,40	373
3131 52 2454	648,52	397	3163 15 86	132,10	457	3206 01 224	204,90	374	3206 P 02 128	232,20	373
3132 01 1435	917,84	398	3163 20 83	168,60	457	3206 01 235	273,70	374	3206 P 02 135	231,30	373
3132 01 1449	920,22	398	3163 20 85	168,60	457	3206 01 239	210,20	374	3206 P 02 139	171,20	373
3132 01 2435	920,71	398	3163 20 86	168,60	457	3206 01 249	373,70	374	3206 P 02 149	231,30	373
3132 01 2449	924,75	398	3170 83	41,00	453	3206 01 254	243,70	374	3206 P 02 154	202,20	373
3132 52 1435	968,94	398	3170 86	41,09	453	3206 01 280	289,40	374	3206 P 02 180	242,40	373
3132 52 1449	971,43	398	3171 83	58,19	454	3206 02 114	162,40	372	3206 P 02 214	171,90	375
3132 52 2435	973,47	398	3171 86	58,19	454	3206 02 121	168,90	372	3206 P 02 221	179,90	375
3132 52 2449	974,49	398	3172 01 50 83	411,58	179	3206 02 124	164,40	372	3206 P 02 224	174,70	375
3133 01 1497	565,62	396	3172 01 50 84	410,78	179	3206 02 128	202,20	372	3206 P 02 228	213,80	375
3133 01 2497	578,05	398	3172 01 50 85	408,07	179	3206 02 135	231,30	372	3206 P 02 235	245,00	375
3133 52 1497	580,77	396	3172 02 50 83	432,14	179	3206 02 138	171,20	372	3206 P 02 239	180,35	375
3133 52 2497	603,09	396	3172 02 50 84	431,30	179	3206 02 149	231,30	372	3206 P 02 249	245,00	375
3134 01 1410	702,67	397	3172 02 50 85	429,32	179	3206 02 154	202,20	372	3206 P 02 254	213,80	375
3134 01 2410	714,69	397	3172 52 50 83	432,14	179	3206 02 180	242,40	372	3206 P 02 280	261,20	375
3134 52 1410	740,75	397	3172 52 50 84	431,30	179	3206 02 214	208,90	374	3206 P 52 114	162,40	373
3134 52 2410	752,23	397	3172 52 50 85	429,32	179	3206 02 221	214,30	374	3206 P 52 121	168,90	373
3135 01 1421	1.110,45	398	3172 90 50 83	432,14	179	3206 02 224	209,70	374	3206 P 52 124	164,40	373
3135 01 2421	1.117,25	398	3172 90 50 84	431,30	179	3206 02 235	390,60	374	3206 P 52 128	207,20	373
3135 52 1421	1.161,55	398	3172 90 50 85	429,32	179	3206 02 239	316,35	374	3206 P 52 135	231,30	373
3135 52 2421	1.168,34	398	3173 01 19 86	216,30	359	3206 02 249	290,50	374	3206 P 52 139	171,20	373
3136 01 3655	225,46	395	3173 01 38 86	401,70	359	3206 02 254	248,80	374	3206 P 52 149	231,30	373
3142 72 83	97,38	453	3173 01 76 86	603,40	359	3206 02 280	206,20	374	3206 P 52 154	202,20	373
3142 72 85	97,38	453	3173 02 19 86	227,11	359	3206 52 114	162,40	372	3206 P 52 180	242,40	373
3142 72 86	97,38	453	3173 02 38 86	421,78	359	3206 52 121	168,90	372	3206 P 52 214	171,90	375
3144 83	48,80	456	3173 02 76 86	643,57	359	3206 52 124	164,40	372	3206 P 52 221	179,90	375
3144 85	48,80	456	3173 52 19 86	227,11	359	3206 52 128	202,20	372	3206 P 52 224	174,70	375
3144 86	48,80	456	3173 52 38 86	421,78	359	3206 52 135	231,30	372	3206 P 52 228	213,80	375
3145 83	66,20	456	3173 52 76 86	643,57	359	3206 52 139	171,20	372	3206 P 52 235	245,00	375
3145 85	66,20	456	3173 90 19 86	227,11	359	3206 52 149	231,30	372	3206 P 52 239	180,35	375
3146 83	64,80	456	3173 90 38 86	421,78	359	3206 52 154	202,20	372	3206 P 52 249	245,00	375
3146 85	64,80	456	3173 90 76 86	643,57	359	3206 52 180	242,40	372	3206 P 52 254	213,80	375
3146 86	64,80	456	3175 01 86	386,76	428	3206 52 214	206,90	374	3206 P 52 280	261,20	375
3147 83	77,20	456	3175 02 86	386,78	428	3206 52 221	214,30	374	3206 P 90 114	162,40	373
3147 85	77,20	456	3175 90 86	386,78	428	3206 52 224	208,70	374	3206 P 90 121	168,90	373
3147 86	77,20	456	3179	12,41	466	3206 52 235	260,50	374	3206 P 90 124	164,40	373
3148 83	79,60	456	3180	22,66	466	3206 52 239	216,35	374	3206 P 90 128	202,20	373
3148 85	79,60	456	3181	47,56	466	3206 52 249	260,50	374	3206 P 90 135	231,30	373
3148 86	79,60	456	3183 01 86	294,16	167	3206 52 254	248,80	374	3206 P 90 139	171,20	373
3149 83	110,20	456	3183 02 86	300,76	167	3206 52 280	296,20	374	3206 P 90 149	231,30	373
3149 85	110,20	456	3183 52 86	300,76	167	3206 90 114	162,40	372	3206 P 90 154	232,20	373
3149 86	110,20	456	3183 90 86	300,78	167	3206 90 121	166,90	372	3206 P 90 180	242,40	373
3150 83	94,60	456	3184	36,00	466	3206 90 124	164,40	372	3206 P 90 214	171,90	375
3150 85	94,60	456	3185	30,14	466	3206 90 128	202,20	372	3206 P 90 221	179,90	375
3150 86	94,60	456	3186	43,26	466	3206 90 135	231,30	372	3206 P 90 224	174,70	375
3151 83	119,80	456	3187	12,41	466	3206 90 139	171,20	372	3206 P 90 228	213,80	375
3151 85	119,80	456	3195 00 83	688,14	415	3206 90 149	231,30	372	3206 P 90 235	245,00	375
3151 86	119,80	456	3195 00 86	695,75	415	3206 90 154	202,20	372	3206 P 90 239	180,35	375
3158 30 83	208,40	457	3196 00 83	770,23	415	3206 90 180	242,40	372	3206 P 90 249	245,00	375
3158 30 85	208,40	457	3196 00 86	787,45	415	3206 90 214	206,90	374	3206 P 90 254	213,80	375
3158 30 86	208,40	457	3197 01 86	913,76	357	3206 90 221	214,30	374	3206 P 90 280	261,20	375
3158 36 83	247,50	457	3197 52 86	525,81	357	3206 90 224	208,70	374	3206 Q 01 114	156,97	373
3158 36 85	247,50	457	3197 90 86	525,81	357	3206 90 235	280,50	374	3206 Q 01 121	166,44	373
3158 36 86	247,50	457	3198 00 83	343,58	427	3206 90 239	216,35	374	3206 Q 01 124	161,49	373
3158 42 83	286,20	457	3198 00 86	343,58	427	3206 90 249	280,50	374	3206 Q 01 128	200,14	373
3158 42 85	286,20	457	3199 01 86	913,76	356	3206 90 254	248,80	374	3206 Q 01 135	229,87	373
3159 30 83	265,40	457	3199 52 86	525,81	356	3206 90 280	296,20	374	3206 Q 01 139	173,48	373
3159 30 85	265,40	457	3199 90 86	525,91	356	3206 P 01 114	157,16	373	3206 Q 01 149	229,87	373

Ref	€	Pag	Ref	€	Pag	Ref	€	Pag	Ref	€	Pag
3283 02 01 75	262,00	96	3285 02 02 70	559,00	98	4146 90 30M	75,44	248	BIC / A18	111,55	
3283 02 02 35	493,20	96	3285 02 03 35	833,00	99	4146 90 40	39,51	248	BIC / A36	111,55	
3283 02 02 70	498,80	96	3285 02 03 70	833,00	99	4146 90 40M	80,13	249	BIC / A58	118,80	
3283 02 03 35	734,60	97	3285 02 04 35	1.115,10	99	4146 90 70	61,28	249	BID / B18	111,55	
3283 02 03 70	759,50	97	3285 02 04 70	1.115,10	99	4146 90 70M	61,30	249	BID / B36	111,55	
3283 02 04 35	962,25	97	3285 90 01 35	293,60	98	B			BID / B58	118,82	
3283 02 04 70	966,50	97	3285 90 01 70	293,60	98	BB 10	1,29	460	DE / A 18 B 18	149,62	
3283 90 01 35	200,80	98	3285 90 02 35	559,60	98	BB 20	1,29	460	DE / A 18 B 36	149,62	
3283 90 01 75	262,50	98	3285 90 02 70	559,60	98	BC D 35 10	119,27	461	DE / A 18 B 58	150,09	
3283 90 02 35	493,20	96	3285 90 03 35	833,00	99	BC D 35 24	119,27	461	DE / A 36 B 18	149,62	
3283 90 02 70	498,80	96	3285 90 03 70	833,00	99	BC D 35 40	119,27	461	DE / A 36 B 36	149,62	
3283 90 03 35	734,60	97	3285 90 04 35	1.115,10	99	BC D 70 10	119,27	461	DE / A 36 B 58	150,09	
3283 90 03 70	759,50	97	3285 90 04 70	1.115,10	99	BC D 70 24	119,27	461	DE / A 58 B 18	150,09	
3283 90 04 35	962,25	97	3289	57,68	67	BC D 70 40	119,27	461	DE / A 58 B 36	150,09	
3283 90 04 70	966,50	97	3306 01	499,20	180	BD 35	2,03	460	DE / A 58 B 58	150,09	
3284 02 01 10	130,20	98	3306 02	499,80	180	BD 50	3,03	460	BF	100,51	
3284 02 01 12	218,20	98	3306 52	499,80	180	BD 118	92,48	452	BF / B18	145,89	
3284 02 01 35	118,30	98	3306 90	499,80	180	BD 126	92,50	452	BF / B36	145,89	
3284 02 01 50	119,30	98	3320 83	27,10	458	BD 132	92,51	452	BF / B58	151,88	
3284 02 01 60	130,30	98	3320 85	27,15	458	BD 142	92,52	452	BIG / A 18 C 18	169,35	
3284 02 01 75	132,30	98	3320 86	27,15	458	BD 218	102,82	452	BIG / A 18 C 36	169,35	
3284 02 02 10	206,20	98	4145 01 18	49,07	245	BD 226	102,83	452	BIG / A 18 C 58	194,95	
3284 02 02 10	256,20	98	4145 01 18M	49,89	245	BD 232	102,84	452	BIG / A 36 C 18	169,35	
3284 02 02 12	418,60	98	4145 01 30M	57,37	245	BD 242	100,85	452	BIG / A 36 C 36	169,35	
3284 02 02 12	418,60	98	4145 01 40	43,54	245	BD 2 50	6,30	460	BIG / A 36 C 58	194,95	
3284 02 02 35	216,90	98	4145 01 40M	44,16	245	BD 0 50	6,61	460	BIG / A 58 C 18	194,95	
3284 02 02 35	216,90	98	4145 01 70	45,06	245	BD L 02C	7,16	453	BIG / A 58 C 36	194,95	
3284 02 02 50	216,90	98	4145 01 70M	45,68	245	BD L 05C	39,24	453	BIG / A 58 C 58	194,95	
3284 02 02 60	206,20	98	4145 05 18	63,75	245	BD L 05F	39,24	453	BIG / A 18 B 18	169,35	
3284 02 02 60	206,20	98	4145 05 18M	64,37	245	BD L 09C	42,33	453	BIG / A 18 B 36	169,35	
3284 02 02 75	206,20	98	4145 05 30	60,97	245	BD L 09M	42,33	453	BIG / A 18 B 58	169,35	
3284 02 03 10	388,80	99	4145 05 30M	71,89	245	BD L 09F	42,33	453	BIG / A 36 B 18	169,35	
3284 02 03 12	506,00	99	4145 05 40	56,42	245	BD LA 02A	7,31	453	BIG / A 36 B 36	169,35	
3284 02 03 35	300,40	99	4145 05 40M	57,04	245	BD LB 02F	7,16	453	BIG / A 36 B 58	194,95	
3284 02 03 50	300,40	99	4145 05 70	63,56	245	BD U 36 82	19,05	463	BIG / A 58 B 18	169,35	
3284 02 03 60	388,80	99	4145 05 70M	60,20	245	BD U 36 83	19,05	463	BIG / A 58 B 36	169,35	
3284 02 03 75	388,80	99	4145 52 18	50,88	245	BD U 36 84	19,05	463	BIG / A 58 B 58	194,95	
3284 02 04 10	490,10	99	4145 52 18M	61,50	245	BE 113	33,06	466	BI / B 18 C 18	169,35	
3284 02 04 12	421,50	99	4145 52 30	58,79	245	BE 118	33,06	466	BI / B 18 C 36	169,35	
3284 02 04 35	421,50	99	4145 52 30M	58,91	245	BE 126	33,06	466	BI / B 18 C 58	194,95	
3284 02 04 50	471,50	99	4145 52 40	45,86	245	BE 132	34,91	466	BI / B 36 C 18	169,35	
3284 02 04 60	490,10	99	4145 52 40M	46,48	245	BE 142	34,91	466	BI / B 36 C 36	169,35	
3284 02 04 75	480,10	99	4145 52 70	46,71	245	BE 213	35,12	466	BI / B 36 C 58	194,95	
3284 90 01 10	132,30	98	4145 52 70M	47,33	245	BE 218	35,12	466	BI / B 58 C 18	194,95	
3284 90 01 12	218,20	98	4145 90 18M	61,50	245	BE 226	35,12	466	BI / B 58 C 36	194,95	
3284 90 01 35	119,30	98	4145 90 30	58,29	245	BE 232	37,90	466	BI / B 58 C 58	194,95	
3284 90 01 50	118,30	98	4145 90 30M	58,01	245	BE 242	37,90	466	BIJ / C 18	113,64	
3284 90 01 60	132,30	98	4145 90 40	45,86	245	BE HQ1 35	53,56	466	BIJ / C 36	151,88	
3284 90 01 75	132,30	98	4145 90 40M	46,48	245	BE HQ1 70	56,54	466	BIJ / C 58	169,35	
3284 90 02 10	206,20	98	4145 90 70	46,71	245	BE HQ1 150	90,28	466	BK / A 18	145,84	
3284 90 02 12	418,60	98	4145 90 70M	47,33	245	BG 25	8,06	460	BK / A 36	151,88	
3284 90 02 35	216,90	98	4146 01 18	62,72	249	BG 40	8,06	460	BK / A 58	169,35	
3284 90 02 50	216,90	98	4146 01 18M	63,34	249	BG 60	8,06	460	BL	154,36	
3284 90 02 60	206,20	98	4146 01 30	70,40	249	BG 75	8,06	460	BL / C18	178,72	
3284 90 02 75	206,20	98	4146 01 30M	71,01	249	BG L 02C	7,53	453	BL / C36	182,24	
3284 90 03 10	388,80	99	4146 01 40	57,19	249	BG L 07C	74,26	453	BL / C58	210,67	
3284 90 03 12	506,00	99	4146 01 40M	57,81	249	BG L 07F	74,26	453	BM / B 18 D 18	210,67	
3284 90 03 35	300,40	99	4146 01 70	59,81	249	BG LA 02A	7,67	453	BM / B 18 D 36	225,80	
3284 90 03 50	300,40	99	4146 01 70M	59,43	249	BG LB 02F	7,53	453	BM / B 18 D 58	225,80	
3284 90 03 60	388,80	99	4146 05 18	78,17	249	BG R 09	9,47	460	BM / B 36 D 18	225,80	
3284 90 03 75	388,80	99	4146 05 18M	78,79	249	BH G 15 30	71,89	462	BM / B 36 D 36	225,80	
3284 90 04 10	490,10	99	4146 05 30	67,70	249	BH G 15 42	71,89	462	BM / B 36 D 58	225,80	
3284 90 04 12	626,80	99	4146 05 30M	68,32	249	BH G 70 30	71,89	462	BM / B 58 D 18	225,80	
3284 90 04 35	421,50	99	4146 05 40	72,26	249	BH G 70 42	71,89	462	BM / B 58 D 36	225,80	
3284 90 04 50	421,50	99	4146 05 40M	73,00	249	BH R 15 30	26,57	462	BM / B 58 D 58	225,80	
3284 90 04 60	490,10	99	4146 05 70	74,26	249	BH R 15 42	26,57	462	BM / C 18 D 18	210,67	
3284 90 04 75	480,10	99	4146 05 70M	74,88	249	BH R 25 42G	79,17	462	BM / C 18 D 36	210,67	
3285 02 01 35	263,60	98	4146 52 18	65,30	249	BH R 70 30	26,57	462	BM / C 18 D 58	225,80	
3285 02 01 70	263,60	98	4146 52 18M	65,92	249	BH R 70 42	26,57	462	BM / C 36 D 18	210,67	
3285 02 02 35	559,00	98	4146 52 30	74,82	249	BIA	46,18	294	BM / C 36 D 36	210,67	
			4146 52 30M	75,44	249	BIA / A18	64,77	294	BM / C 36 D 58	225,80	
			4146 52 40	59,51	249	BIA / A36	64,77	294	BM / C 58 D 18	225,80	
			4146 52 40M	60,13	249	BIA / A58	73,93	294	BM / C 58 D 36	225,80	
			4146 52 70	61,28	249	BIB	54,29	294	BM / C 58 D 58	225,80	
			4146 52 70M	61,80	249	BB / C18	74,21	294	BP 18	13,43	
			4146 90 18	65,30	249	BB / C36	74,21	294	BP 36	16,22	
			4146 90 18M	65,92	249	BB / C58	84,34	294	BP 58	20,56	
						BIC	87,15	296	BP A 30 10	20,02	

Ref	€	Pag	Ref	€	Pag	Ref	€	Pag	Ref	€	Pag
BPA 30 75	20,02	402	BR 226	81,46	405	KRA 01 128	267,67	370	KRA R 01 249	334,79	370
BPE 13 82	15,07	403	BR 232	92,59	405	KRA 01 135	262,15	370	KRA R 01 254	308,54	370
BPE 13 83	15,07	403	BR 242	92,59	405	KRA 01 140	293,58	370	KRA R 52 128	329,73	370
BPE 13 84	15,07	403	BR V 113	81,19	405	KRA 01 154	267,69	370	KRA R 52 135	328,00	370
BPE 18 82	15,07	403	BR V 118	81,19	405	KRA 01 228	299,45	370	KRA R 52 149	328,00	370
BPE 18 83	15,07	403	BR V 126	81,19	405	KRA 01 235	311,55	370	KRA R 52 154	295,75	370
BPE 18 84	15,07	403	BR V 132	82,01	405	KRA 01 249	311,59	370	KRA R 52 228	317,78	370
BPE 26 82	15,07	403	BR V 142	82,61	405	KRA 01 254	299,47	370	KRA R 52 235	334,81	370
BPE 26 83	15,07	403	BR V 213	91,47	405	KRA 52 128	275,70	370	KRA R 52 249	344,83	370
BPE 26 84	15,07	403	BR V 218	91,47	405	KRA 52 135	270,02	370	KRA R 52 254	317,80	370
BPE 32 82	15,16	403	BR V 226	91,47	405	KRA 52 149	304,40	370	KRA R 90 128	295,73	370
BPE 32 83	15,16	403	BR V 232	92,60	405	KRA 52 154	275,72	370	KRA R 90 135	328,00	370
BPE 32 84	15,16	403	BR V 242	92,60	405	KRA 52 228	296,13	370	KRA R 90 149	328,00	370
BPE 42 82	15,26	403	BT 5 14 83	5,25	404	KRA 52 235	320,90	370	KRA R 90 154	295,75	370
BPE 42 83	15,26	403	BT 5 14 84	5,25	404	KRA 52 249	320,90	370	KRA R 90 228	317,78	370
BPE 42 84	15,26	403	BT 5 14 86	5,25	404	KRA 52 254	296,15	370	KRA R 90 235	334,81	370
BPE 57 82	21,11	403	BT 5 21 83	5,86	404	KRA 90 128	275,70	370	KRA R 90 249	344,83	370
BPE 57 84	21,11	403	BT 5 21 84	5,86	404	KRA 90 135	270,02	370	KRA R 90 254	317,80	370
BPL 09 82	5,78	403	BT 5 21 86	5,86	404	KRA 90 149	304,40	370	L		
BPL 09 83	5,78	403	BT 5 24 83	6,07	404	KRA 90 154	275,72	370	LED 09 W	88,27	423
BPL 09 84	5,78	403	BT 5 24 84	6,07	404	KRA 90 228	296,13	370	LED 09 W	88,27	454
BPL 13 82	5,78	403	BT 5 24 86	6,07	404	KRA 90 235	320,90	370	LED 15 W	123,49	423
BPL 13 83	5,78	403	BT 5 28 83	5,86	404	KRA 90 249	320,90	370	LED 15 W	123,49	454
BPL 13 84	5,78	403	BT 5 28 84	5,86	404	KRA 90 254	296,15	370	LED 20 W	162,47	423
BPL 18 82	5,78	403	BT 5 28 86	5,86	404	KRA P 01 128	261,32	371	LED 20 W	162,47	454
BPL 18 83	5,78	403	BT 5 35 83	5,86	404	KRA P 01 135	329,83	371	O		
BPL 18 84	5,78	403	BT 5 35 84	5,86	404	KRA P 01 149	329,83	371	OV 118 01 84	86,92	292
BPL 26 82	5,78	403	BT 5 35 86	5,86	404	KRA P 01 154	261,34	371	OV 136 01 84	120,13	292
BPL 26 83	5,78	403	BT 5 39 83	6,07	404	KRA P 01 228	323,44	371	OV 158 01 84	145,29	292
BPL 26 84	5,78	403	BT 5 39 84	6,07	404	KRA P 01 235	348,18	371	OV 218 01 84	104,20	292
BPLL 18 82	7,21	404	BT 5 39 86	6,07	404	KRA P 01 249	348,26	371	OV 236 01 84	130,98	292
BPLL 18 83	7,21	404	BT 5 49 83	6,07	404	KRA P 01 254	323,46	371	OV 258 01 84	171,05	292
BPLL 18 84	7,21	404	BT 5 49 84	6,07	404	KRA P 52 128	299,75	371	OVP 118 01 84	106,99	292
BPLL 18 86	7,21	404	BT 5 49 86	6,07	404	KRA P 52 135	309,73	371	OVP 136 01 84	157,25	292
BPLL 36 82	7,21	404	BT 5 54 83	6,07	404	KRA P 52 149	309,73	371	OVP 158 01 84	193,02	292
BPLL 36 83	7,21	404	BT 5 54 84	6,07	404	KRA P 52 154	299,79	371	OVP 218 01 84	124,29	292
BPLL 36 84	7,21	404	BT 5 54 86	6,07	404	KRA P 52 228	323,14	371	OVP 236 01 84	176,58	292
BPLL 36 86	7,21	404	BT 5 90 83	7,51	404	KRA P 52 235	368,60	371	OVP 258 01 84	218,97	292
BPLL 55 82	8,24	404	BT 5 90 84	7,51	404	KRA P 52 249	368,70	371	OVR 118 01 84	94,57	292
BPLL 55 83	8,24	404	BT 5 90 86	7,51	404	KRA P 52 254	323,16	371	OVR 136 01 84	132,57	292
BPLL 55 84	8,24	404	BT 8 18 83	3,19	404	KRA P 90 128	299,75	371	OVR 158 01 84	160,82	292
BPLL 55 86	8,24	404	BT 8 18 84	3,19	404	KRA P 90 135	309,73	371	OVR 218 01 84	111,86	292
BP 0 14 82	8,24	403	BT 8 18 86	3,19	404	KRA P 90 149	309,73	371	OVR 236 01 84	157,00	292
BP 0 14 83	8,24	403	BT 8 36 83	3,81	404	KRA P 90 154	299,79	371	OVR 258 01 84	185,87	292
BP 0 14 84	8,24	403	BT 8 36 84	3,81	404	KRA P 90 228	323,14	371	P		
BP 0 17 82	8,24	403	BT 8 36 86	3,81	404	KRA P 90 235	368,60	371	PLA 118 84	106,16	380
BP 0 17 83	8,24	403	BT 8 58 83	4,53	404	KRA P 90 249	368,70	371	PLA 136 84	128,84	380
BP 0 17 84	8,24	403	BT 8 58 84	4,53	404	KRA P 90 254	323,16	371	PLA 158 84	155,00	380
BP T 13 82	15,05	403	BT 8 58 86	4,53	404	KRA PB 01 128	292,04	371	PLA 218 84	130,90	380
BP T 13 84	15,05	403	BT H 25	55,04	402	KRA PB 01 135	348,79	371	PLA 236 84	159,10	380
BP T 18 82	15,05	403	BT H 40	55,06	402	KRA PB 01 149	348,80	371	PLA 258 84	181,28	380
BP T 18 84	15,05	403	BT S 15	37,29	402	KRA PB 01 154	292,09	371	PLA P 118 84	117,42	380
BP T 26 82	15,05	403	BT S 25	44,04	402	KRA PB 01 228	328,05	371	PLA P 136 84	152,47	380
BP T 26 83	15,05	403	BT S 40	81,01	402	KRA PB 01 235	369,94	371	PLA P 158 84	187,78	380
BP T 26 84	15,05	403	BV H 25	55,00	402	KRA PB 01 249	369,98	371	PLA P 218 84	145,03	380
BQ 10 08	17,30	401	BV H 40	55,02	402	KRA PB 01 254	328,07	371	PLA P 236 84	182,31	380
BQ 10 24	17,30	401	BV M 25	18,74	402	KRA PB 52 128	300,80	371	PLA P 258 84	223,11	380
BQ 10 45	17,30	401	BV M 40	25,49	402	KRA PB 52 135	369,25	371	PLA R 118 84	117,83	380
BQ 35 04	17,30	401	BV S 15	37,29	402	KRA PB 52 149	368,27	371	PLA R 136 84	154,83	380
BQ 35 24	17,30	401	BV S 25	44,03	402	KRA PB 52 228	337,89	371	PLA R 158 84	188,69	380
BQ 50 04	17,30	401	BV S 40	81,00	402	KRA PB 52 235	340,74	371	PLA R 218 84	146,67	380
BQ 50 08	17,30	401	C	0,00		KRA PB 52 249	370,78	371	PLA R 236 84	194,06	380
BQ 50 24	17,30	401	CO 1	110,68	402	KRA PB 52 254	327,91	371	PLA R 258 84	224,84	380
BQ 60 08	25,48	401	CCR 08	294,21	389	KRA PB 90 128	300,80	371	R		
BQ 60 24	25,48	401	D			KRA PB 90 135	368,25	371	RC	0,67	424
BQ 60 45	25,48	401	DV 12	26,67	424	KRA PB 90 149	369,27	371	S		
BQ 75 08	17,30	401	E			KRA PB 90 154	300,80	371	S 70	0,77	468
BQ 75 24	17,30	401	EM E 113	124,73	405	KRA PB 90 228	327,89	371	S 77	0,77	468
BQ 75 45	17,30	401	EM E 118	124,73	405	KRA PB 90 235	370,74	371	S 90	0,77	468
BQ L 35C	123,00	464	EM E 126	124,73	405	KRA PB 90 249	370,78	371	S 95	0,97	468
BQ L 35F	123,00	454	EM E 213	124,73	405	KRA PB 90 254	327,91	371	S 100	0,97	468
BR 113	81,18	405	EM E 218	124,73	405	KRA PB9 52 154	309,88	371	S 172	2,26	468
BR 118	81,18	405	EM E 226	124,73	405	KRA R 01 128	287,12	370	S 202	2,26	468
BR 126	81,18	405	H			KRA R 01 135	318,45	370	S 224	2,26	468
BR 132	82,60	405	HM 15	40,58	405	KRA R 01 149	318,50	370	SBCDM- TC 35	66,06	461
BR 142	82,60	405	HM 25	55,10	405	KRA R 01 154	287,14	370	SBCDM- TC 70	88,08	461
BR 213	91,46	405	HM 70	32,03	405	KRA R 01 228	308,52	370	SC / 01	5,76	291
BR 218	91,46	405	K			KRA R 01 235	334,77	370	SC / 02	5,76	291

Ref.	€	Pag.
SC / OV	3,44	200
SCB	5,50	291
SCB 100 01	4,24	271
SCB 100 02	4,12	271
SCB 250 01	5,43	271
SCB 250 02	5,43	271
SCB 500 01	6,90	271
SCB 500 02	6,90	271
SCB 1000 01	9,18	271
SCB 1000 02	9,10	271
SCBA / OV	6,47	200
SCBA / OV	6,47	200
SCC 01	19,81	291
SCC 02	19,81	291
SCC / OV	20,90	200
SD	3,91	291
SD / OV	4,39	200
SE 1	102,70	452
SF 01	6,13	291
SF 02	6,13	291
SF / OV	6,13	290
SHR / OV	20,80	273
SHR / OV	20,80	290
SHV 01	22,12	291
SHV 02	22,12	291
SP / OV	17,70	200
SP V OV	23,40	290
SR 100 01	4,24	291
SR 100 02	4,24	291
SR 100 /OV	4,71	290
SR 250 01	5,43	291
SR 250 02	5,43	291
SR 250 /OV	6,20	290
SR 500 01	6,92	291
SR 500 02	6,92	291
SR 500 /OV	8,85	290
SR 1000 01	9,18	291
SR 1000 02	9,18	291
SR 1000 /OV	10,73	300
T		
TB 118 /50 01 84	57,24	288
TB 118 /50 02 84	60,85	288
TB 118 /50 52 84	66,85	288
TB 136 /50 01 84	71,44	288
TB 136 /50 02 84	75,01	288
TB 136 /50 52 84	82,15	288
TB 158 /50 01 84	85,78	288
TB 158 /50 02 84	90,07	288
TB 158 /50 52 84	96,04	288
TB 218 /76 01 84	75,00	289
TB 218 /76 02 84	78,70	289
TB 218 /76 52 84	86,25	289
TB 236 /76 01 84	97,77	289
TB 236 /76 02 84	103,62	289
TB 236 /76 52 84	110,43	289
TB 258 /76 01 84	118,07	289
TB 258 /76 02 84	123,98	289
TB 258 /76 52 84	130,78	289
TB E 118 /76 01 84	68,48	289
TB E 118 /76 02 84	69,43	289
TB E 118 /76 52 84	68,39	289
TB E 136 /76 01 84	75,36	289
TB E 136 /76 02 84	79,12	289
TB E 136 /76 52 84	86,06	289
TB E 158 /76 01 84	90,30	289
TB E 158 /76 02 84	94,90	289
TB E 158 /76 52 84	103,83	289
TB EP 118 /76 01 84	68,52	289
TB EP 118 /76 02 84	70,27	289
TB EP 118 /76 52 84	76,07	289
TB EP 136 /76 01 84	89,33	289
TB EP 136 /76 02 84	93,79	289
TB EP 136 /76 52 84	102,72	289
TB EP 158 /76 01 84	108,09	289
TB EP 158 /76 02 84	113,48	289
TB EP 158 /76 52 84	124,31	289
TB EP 218 /76 01 84	82,56	289
TB EP 218 /76 02 84	86,89	289

Ref.	€	Pag.
TB EP 218 /76 52 84	94,95	289
TB EP 236 /76 01 84	111,74	289
TB EP 236 /76 02 84	117,32	289
TB EP 236 /76 52 84	128,50	289
TB EP 258 /76 01 84	135,87	289
TB EP 258 /76 02 84	142,66	289
TB EP 258 /76 52 84	156,25	289
TB ER 118 /76 01 84	67,30	289
TB ER 118 /76 02 84	70,67	289
TB ER 118 /76 52 84	77,35	289
TB ER 136 /76 01 84	85,79	289
TB ER 136 /76 02 84	93,22	289
TB ER 136 /76 52 84	102,11	289
TB ER 158 /76 01 84	107,19	289
TB ER 158 /76 02 84	112,94	289
TB ER 158 /76 52 84	123,18	289
TB P 118 /50 01 84	64,41	288
TB P 118 /50 02 84	67,64	288
TB P 118 /50 52 84	74,00	288
TB P 136 /50 01 84	83,48	288
TB P 136 /50 02 84	87,63	288
TB P 136 /50 52 84	95,00	288
TB P 158 /50 01 84	99,30	288
TB P 158 /50 02 84	104,26	288
TB P 158 /50 52 84	113,63	288
TB R 118 /50 01 84	64,90	288
TB R 118 /50 02 84	68,16	288
TB R 118 /50 52 84	74,66	288
TB R 136 /50 01 84	82,79	288
TB R 136 /50 02 84	86,90	288
TB R 136 /50 52 84	95,21	288
TB R 158 /50 01 84	99,06	288
TB R 158 /50 02 84	104,04	288
TB R 158 /50 52 84	104,66	288
TB R 218 /76 01 84	82,95	289
TB R 218 /76 02 84	87,09	289
TB R 218 /76 52 84	95,30	289
TB R 236 /76 01 84	111,20	289
TB R 236 /76 02 84	116,76	289
TB R 236 /76 52 84	127,88	289
TB R 258 /76 01 84	134,97	289
TB R 258 /76 02 84	141,70	289
TB R 258 /76 52 84	155,20	289
TF 50 01	4,35	290
TF 50 02	4,35	290
TF 76 01	5,11	290
TF 76 02	5,11	290
TF / OV	3,93	290
TS 60	9,16	405
TS 105	13,30	405
U		
U 90 50 01	8,76	290
U 90 50 02	8,76	290
U 90 76 01	13,71	290
U 90 76 02	13,71	290
U 135 50 01	6,40	290
U 135 50 02	6,40	290
U 135 76 01	10,69	290
U 135 76 02	10,69	290
U90 / OV	27,20	293
UC 50 01	19,66	290
UC 50 02	19,66	290
UC 76 01	20,41	270
UC 76 02	20,41	270
UC / OV	44,37	293
UF 50 01	20,89	290
UF 50 02	20,89	290
UF 76 01	26,56	290
UF 76 02	26,56	290
UF / OV	30,17	293
UR 50 01	5,84	290
UR 50 02	5,84	290
UR 76 01	6,77	290
UR 76 02	6,77	290
UR / OV	1,77	293
UT 50 01	19,66	290
UT 50 02	19,66	290
UT 76 01	20,41	290

Ref.	€	Pag.
UT 76 02	20,41	290
UT / OV	36,46	290

TERMS AND CONDITIONS OF SALE

1. General.

• SECOM reserves the right to perform little modifications on the measure and characteristics of the fittings, improvements on his models, and to cancel any of them without previous notice.

• SECOM is not responsible of any problems caused by possible imperfections in the Pictures, measures and/or dates which appear in the catalogue.

2. Warranties.

• SECOM, S.L. is responsible of the quality of the fittings if the indicated recommendations are followed and declines all the responsibilities derived from:

- Wrong application of the fitting or lamps.
- Wrong power supply.
- Wrong use of maintenance and fitting instructions.
- Agents external to SECOM.

• All the claim cases regarding hidden defects will be handled in accordance with the Law 23/2003 regarding warranties on consumer goods.

• All the lamps are considered as non-recoverable items and so they are no subject to the warranty period defined by the Law 23/2003.

• The durability of the fittings depends on:

• *Stainless Steel Product:* the stainless steel products in this catalogue are manufactured with high-quality materials.

On the stainless steel could appear some little shadings due to the contact of the sea atmosphere, humid or wet environment, as well as the lime arising from the irrigation water. This type of contamination on the stainless steel will be cancelled by the application of cleaner products containing phosphoric acid.

• *Aluminium Products:* our items are protected by chromatzation and finished with polyester painting and their deterioration could be caused by:

- Continuous contact with high-percentage salt water or acid water contaminated by fertilisers or insecticides.
- The electrolysis produced by aluminium contact with bolts if they are made of iron (on advice they should be of stainless steel).
- The stray current running through the land, only avoidable with a correct earth-connection.
- The no-rapid protection of the aluminium in the case of broken painting due to a crack or rub-out.

3. Delivery time.

• The delivery times will be confirmed once we will receive the order and will be always to a guidance level, so the possible delays can not entail the cancellation of the order or the charging of penalties.

4. Transport.

• In all the peninsular land and for orders upper to 400 € neat, SECOM will be in charge of the transport realized with our usual transportation facilities.

• In the Canarias Isles the transport will be charged to SECOM for orders upper to 1.200 €, realized with our usual transportation facilities.

• In the case of abroad delivery the transport will be charged to SECOM for orders upper to 1.200 € for Italy, 1.000 € for France, 800 € for Portugal.

• However the customer can choose to nominate his agency, but in that case, even if the total amount of the order is upper to the minimum, he will be totally responsible for the amount of transport.

5. Claims.

• Claims for difference in quantity, quality or other types of defect/fault of the delivered goods will not be accepted after 15 days from the deliver.

• Claims for cracks on the items due to the transport agency will not be admitted alter 24 hours, as it is the maximum time allowed for the insurances.

6. Returns of goods.

• SECOM, S.L. will not admit any item return if it has not been previously accepted by the area agent.

• No standard items returns will be accepted.

• The last decision will be taken alter the checking of the returned goods.

• The return of items in working order property of the customer, will be accepted under the following conditions:

- Age of the goods less than 30 days – 15 % depreciation.
- Between 30 days and 6 months – 25 % depreciation.
- Between 6 and 12 months – 50% depreciation.
- More than 12 months – 75% depreciation.
- More than 24 months no refunds.

• For the return of goods, the customer will be charged for the transport, unless those due to quality faults or errors to blame SECOM, S.L.; in this case they will be delivered by one agency indicated by the area agent.

7. Entry into force.

• 1st of may 2011.

• This price list abrogate any other previous price list.