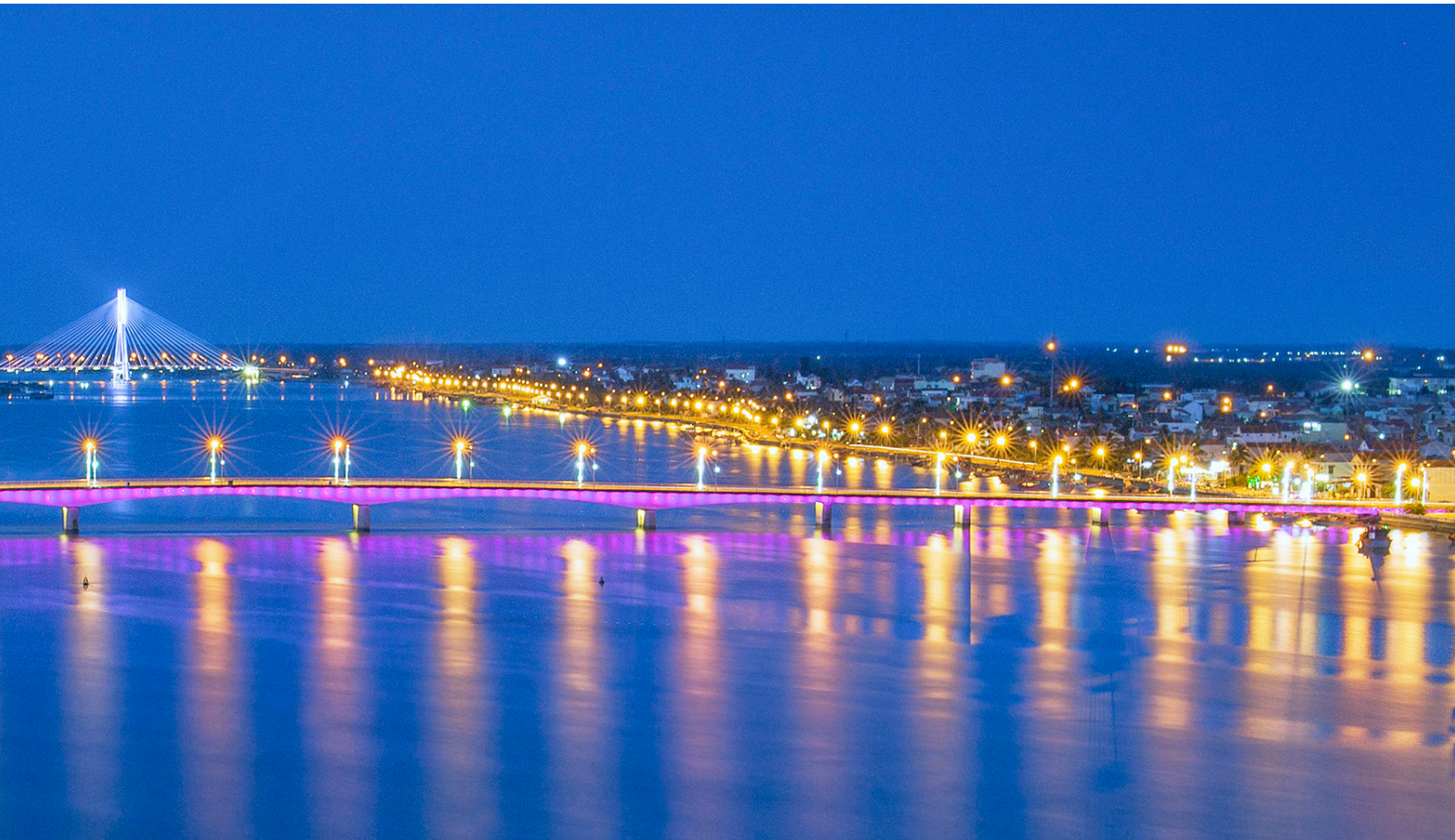


secom
here comes the light



M A G E C

STREET LIGHTING

eonlight[®]
STREET SYSTEM

eralight[®]
STREET SYSTEM



www.secom.es

MAGEC

STREET LIGHTING

TECHNOLOGY AND INNOVATION

MAGEC, a luminaire developed with highly resistant materials, capable of withstanding the most extreme conditions thanks to the fact that it is manufactured with special techno polymers of great resistance and durability.

MAGEC, is a luminaire where SECOM puts all its experience to develop a product of the highest quality, taking care of all the design and manufacturing details to the maximum.

Minimalist design luminaire, with **eonlight** or **eralight** system technology, technology for an optimum configuration according to the lighting project.



MAGEC

STREET LIGHTING

Secom Iluminación's new generation of lighting systems have been developed prioritising performance, versatility and even the compactness of the system itself.

When we refer to **EONLIGHT SYSTEM**, we are talking about a new proven concept from Secom Iluminación, based on a high-power LED system, capable of meeting all the requirements of road and urban applications, while maximising energy savings with the highest quality components.

On the other hand, we can count on the **ERALIGHT SYSTEM**, which offers a lower technical performance alternative for all those operations requiring a medium-power LED solution, thus allowing for an accelerated return on investment through a Made in Secom concept.

eonlight[®]
STREET SYSTEM

eralight[®]
STREET SYSTEM

LED	3535	3030
LED TYPE	HIGH POWER (HP) High-power, high-efficiency encapsulated ceramic LEDs	MEDIUM POWER (MP) LED encapsulated in semi-rigid resin, surface assembled
LIFESPAN	100.000 h. L80B10 Ta35°C Ti90°C	50.000 h. L80B10 Ta35°C Ti90°C
REFLECTOR	Visual comfort	Visual comfort
LUMINAIRE PROTECTOR	PMMA (High impact)	PMMA (High impact)
REGULATION	On/Off D4i: Dali DRPR: Up to 5 levels DR: 1-10v DN: Double level DRC: Header	On/Off DR: 1-10v DN: Double level
TELEMANAGEMENT	*Other remote management ZHAGA remote management Remote management NEMA	-
NO. OPTICS	6	3
GUARANTEE	5 YEARS *Optional up to 10 years	5 YEARS
CHARACTERISTICS	Pressure control valve. Surge protector. Low loss equipment. High efficiency.	Pressure control valve. Surge protector.

* See



MAGEC

STREET LIGHTING

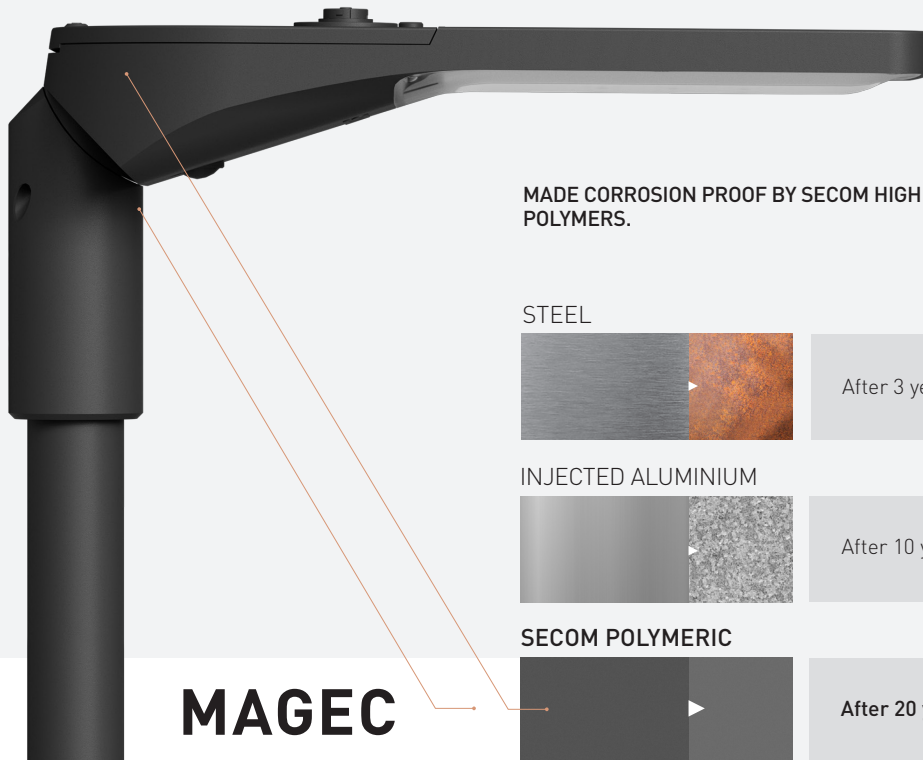


STREET LIGHTING

LED	⚡	Hz	W LED	W SYSTEM	✓	Optional	IP	IK	°K	CRI	👁️	🌡️	△	🕒	📦
EON	220/240V	50/60	31	34	✓	Optional	65	10	1700K	>70	RISK PHOTOBIOLOGICAL 0	-20° +35°	6 OPTICS	100.000h. 50.000h. (L80B10)	6
HIGH			50	55					3000K						
POWER			67	73					4000K						
ERA									5000K						
MID															
POWER															



CORROSION FREE

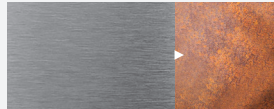


MADE CORROSION PROOF BY SECOM HIGH TECH POLYMERS.



Luminaire made from 100% recyclable materials.

STEEL



After 3 years

INJECTED ALUMINIUM



After 10 years

SECOPOLYMERIC



After 20 years

MAGEC



The nylon (PA-Polyamide) used by Secom is a semi-crystalline thermoplastic with low density and high thermal stability. This polyamide is among the most important and useful technical thermoplastics due to its excellent wear resistance, good coefficient of friction and very good temperature and impact resistance properties. In addition, Secom nylon polyamide has very good chemical resistance and is a particularly oil-resistant plastic. This excellent balance of properties makes PA polymer an ideal material for the development of luminaires for marine environments.

CHARACTERISTICS POLYAMIDE/NYLON SECOM

- High wear resistance.
- High thermal stability.
- Very good strength and hardness.
- Good mechanical damping characteristics.
- Good sliding properties.
- Good chemical resistance.



PHYSICAL CHARACTERISTICS AND MATERIALS



Photobiological risk 0



LED
Ceramic encapsulated HP LED high power and efficiency, 138 Lm/W, high light intensity. Low light decay. Uniform and strong luminous flux.



Telemangement
Zhaga Telemangement Telemangement Nema



Choice of 6 different optics depending on the project to be illuminated. lighting.



R2

Internal reflection to improve



SMD

overload protection electrical, such as that induced by lightning, inductive charge and discharge switching electrostatic discharge (ESD)



T5

Transparent thermopolymer with high impact resistance.



PLED

PLED protection, in the event of failure of any LED, the current continues to circulate through the circuit, preventing the light from turning off.



S7

Reinforced polymer frame high strength and durability.
· ANTI-ELECTROCUTION
· ANTI-CORROSION
· ANTI-VANDAL



AW 5005

aluminum plate very high purity for a perfect dissipation.



Anti-condensation depressor valve. Avoiding condensation inside the luminaire.



IP65

High IP grade, offering a tightness against humidity, guaranteeing the protection of all the components electronics.



S7

Polymer staff arm High strength reinforced and 60mm durability. EITHER.

- ANTI ELECTROCUTION
- ANTI CORROSION



IP68

Watertight quick connector for power supply.
CONNECTION WITHOUT TOOLS



UNTIL

10

YEARS WARRANTY

5

YEARS WARRANTY



IK10

Luminaria antivandálica, superando pruebas de impacto de 50 julios. vandal-resistant luminaire,





Ref. 3409
Medium Asymmetric



Ref. 3407
Longitudinal Asymmetric



Ref. 3406
Sim. Extensive



Ref. 3408
Assim. Intensive



Ref. 3409
Asymmetric Average



MAGEC

STREET LIGHTING



Ref. 3406
Sim. Extensive



Ref. 3405
Asymmetric Extensive



Ref. 3405
Asymmetric Extensive



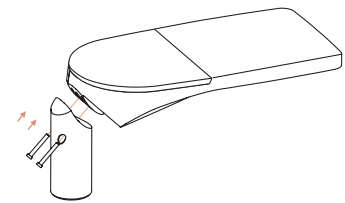
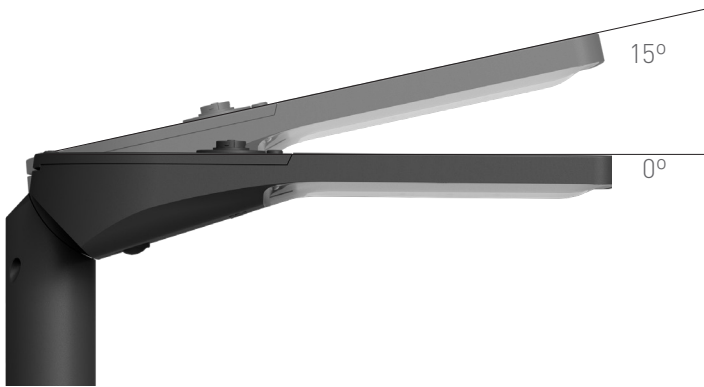
Ref. 3410
Asymmetric Front



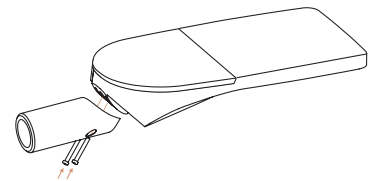
OPTIMISED DESIGN FOR EASY INSTALLATION

Optimised design for horizontal and vertical installation by simply repositioning the bracket and with a tilt angle of up to 15°.

Uprigh

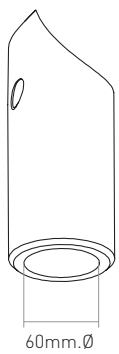


Horizontally

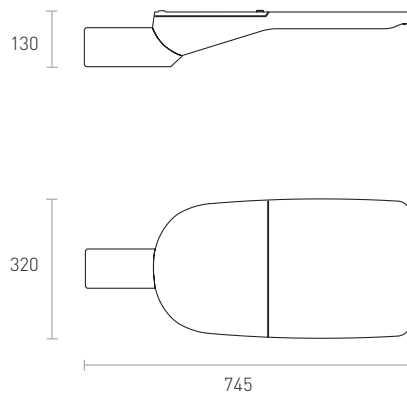


DIMENSIONS

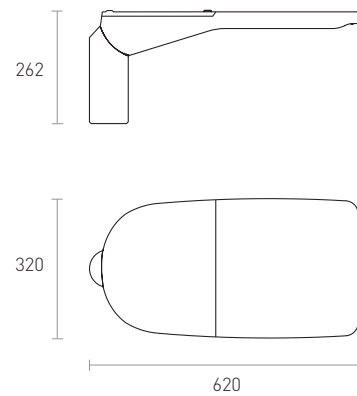
Clamping arm column



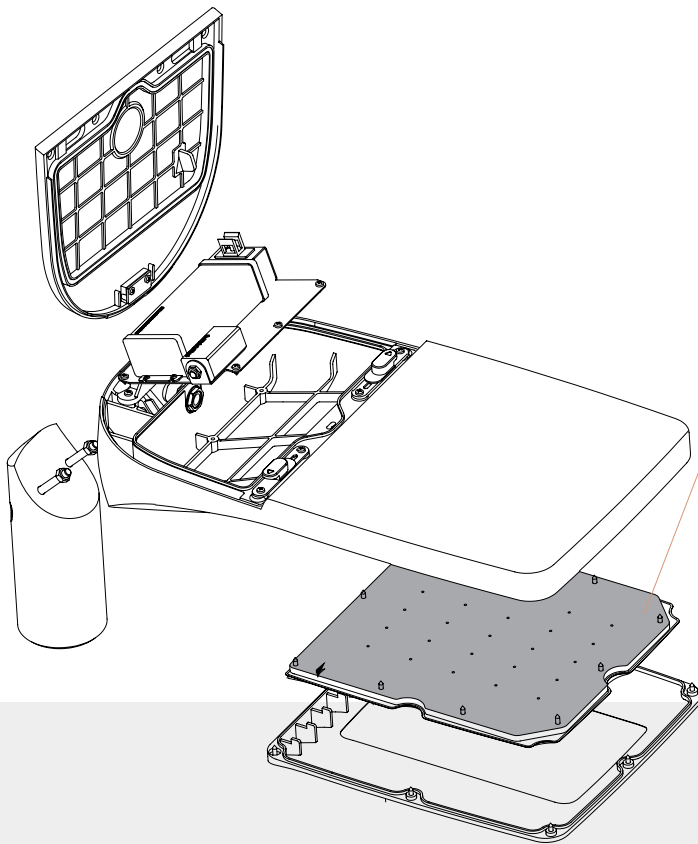
Horizontally



Uprigh



LUMINAIRE THERMAL MANAGEMENT



THERMAL MANAGEMENT OF LUMINAIRES

The diode, also called LED, does not generate significant heat in the light emitting area, but high temperatures can be concentrated on the back side, this heat transmission is called the Joule effect.

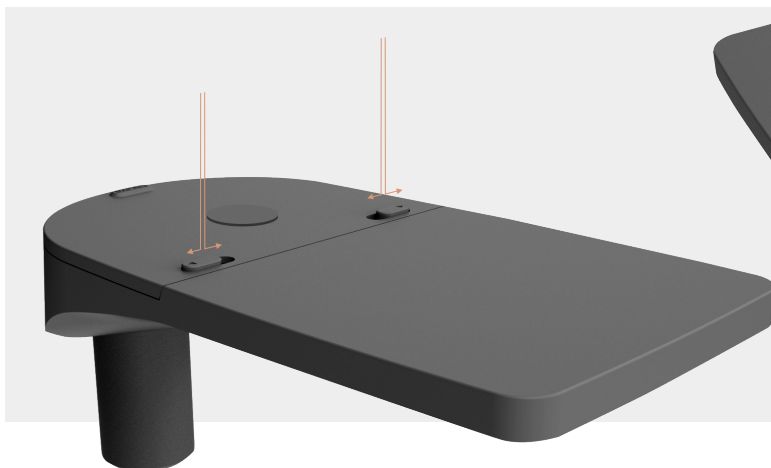
Due to this effect, good heat dissipation is essential to ensure the durability and proper functioning of LED lamps. Excessive heat at this point will drastically reduce the lifetime.

Secom uses AW 5005 aluminium of extremely high purity (98%), which helps to control the temperature, this heat management does not affect the quality of the light emitted and does not affect performance.

SECOM ALUMINIUM CHARACTERISTICS

- Very high degree of heat dissipation.
- 98% pure aluminium
- Excellent corrosion resistance.
- BRINELL hardness \approx 48 HB.
- Density 2.70.


FAST ACCESS



Access by means of 2 locks and security screw, facilitating some kind of intervention and guaranteeing its watertightness.

MAGEC *eonlight*[®]

STREET SYSTEM

LED	
HIGH POWER	100.000h. L80B10



REFERENCES

MAGEC *eonlight*

Ref.	Colour	Optics	W LED	Lm. LED	W System	Lm. System	Tep. Colour
S3496583471EON3405	Gray	(3405) Extensive asymmetric	31	3916	34	3789	1700K
S3496583473EON3405	Gray	(3405) Extensive asymmetric	31	4651	34	4209	3000K
S3496583474EON3405	Gray	(3405) Extensive asymmetric	31	4896	34	4431	4000K
S3496583475EON3405	Gray	(3405) Extensive asymmetric	31	5140	34	4653	5000K
S3496585571EON3405	Gray	(3405) Extensive asymmetric	50	5875	55	5375	1700K
S3496585573EON3405	Gray	(3405) Extensive asymmetric	50	6976	55	5973	3000K
S3496585574EON3405	Gray	(3405) Extensive asymmetric	50	7344	55	6287	4000K
S3496585575EON3405	Gray	(3405) Extensive asymmetric	50	7711	55	6601	5000K
S3496587371EON3405	Gray	(3405) Extensive asymmetric	67	8812	73	7153	1700K
S3496587373EON3405	Gray	(3405) Extensive asymmetric	67	10465	73	7948	3000K
S3496587374EON3405	Gray	(3405) Extensive asymmetric	67	11016	73	8366	4000K
S3496587375EON3405	Gray	(3405) Extensive asymmetric	67	11566	73	8784	5000K

Tolerances: +-7% LED flux / +- 10% luminaire wattage

MAGEC eonlight street system OPTICS OVERVIEW

	3405 ASYMMETRIC EXTENSIVE	3406 SYMMETRIC EXTENSIVE	3407 ASYMMETRIC LONGITUDINAL	3408 ASYMMETRIC INTENSIVE	3409 ASYMMETRIC HALF	3410 ASYMMETRIC FRONT
	-	160°	-	-	-	-
Recommendation Height	2 - 7 m.	6 - 10 m.	5 - 9 m.	3 - 8 m.	3 - 8 m.	3 - 6 m.
Road	•	•	•	•	•	•
Functional Road	•	•	•	•	•	•
Street / Avenue	•	•	•	•	•	•
Residential	•	•	•	•	•	•
Pedestrian	•	•	•	•	•	•
Parks / Gardens	•	•	•	•	•	•
Large surfaces	•	•	•	•	•	•
Parking	•	•	•	•	•	•

GENERADOR REFERENCIA MAGEC eonlight street system

Product Ref.	Luminaire colour	Power W	Colour Temp.	System	Optics	Driver	Accessories
S3496	58 (Gray)	34 (34w)	71 (1.700K)	EON	3405 Extensive assim.	- (ON/OFF)	3391 Overvoltage 20KV
		55 (55w)	73 (3.000K)		3406 Symmetrical 160°	D4i Driver prom. Dali	Ref. Telemangement
		73 (73w)	74 (4.000K)		3407 Longitudinal asym.	DRPR Regul.programmed	ZHAGA Telemangement
			75 (5.000K)		3408 Intensive assim.	DR Regulation 1-10v	NEMA Telemangement
					3409 Average assim.	Dn Command line reg.	
				3410 Front Asym.	DRC Header reg.		
S3496	58	33	74	EON	3405	DRPR	3391

E.g. configuration ref. S3496583384EON3405DRPR3391

MAGEC eonlight street system / OPTICAL VERSION SYSTEM FLOW / CRI>7

1700K

W	3405 Extensive assim.	3406 Sim. extensive	3407 Longitudinal asym.	3408 Intensive assim.	3409 Average assim.	3410 Front Asym.
34	3789	3741	3775	3813	3737	3480
55	5375	5275	5323	5376	5269	5181
73	7153	7034	7097	7168	7025	6907

3000K

W	3405 Extensive assim.	3406 Sim. extensive	3407 Longitudinal asym.	3408 Intensive assim.	3409 Average assim.	3410 Front Asym.
34	4209	4157	4195	4237	4152	4364
55	5973	5862	5914	5974	5854	6153
73	7948	7816	7886	7965	7805	8204

4000K

W	3405 Extensive assim.	3406 Sim. extensive	3407 Longitudinal asym.	3408 Intensive assim.	3409 Average assim.	3410 Front Asym.
34	4431	4376	4415	4460	4370	4593
55	6287	6170	6226	6288	6162	6477
73	8366	8227	8301	8384	8216	8635

5000K


W	3405 Extensive assim.	3406 Sim. extensive	3407 Longitudinal asym.	3408 Intensive assim.	3409 Average assim.	3410 Front Asym.
34	4653	4595	4636	4683	4589	4823
55	6601	6479	6537	6602	6470	6800
73	8784	8638	8716	8803	8627	9067

Tolerances: +-7% LED flux / +- 10% luminaire wattage



MAGEC *eralight*[®]

STREET SYSTEM

LED	
MID POWER	50.000h. L80B10



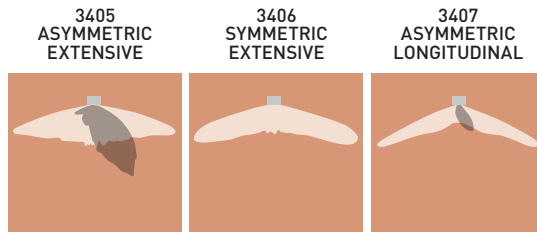
REFERENCES

MAGEC eralight

Ref.	Colour	Optics	W LED	Lm. LED	W System	Lm. System	Tep. Colour
S3496583471ERA3405	Gray	(3405) Extensive asymmetric	31	3856	34	3569	1700K
S3496583473ERA3405	Gray	(3405) Extensive asymmetric	31	4579	34	4238	3000K
S3496583474ERA3405	Gray	(3405) Extensive asymmetric	31	4821	34	4462	4000K
S3496583475ERA3405	Gray	(3405) Extensive asymmetric	31	5062	34	4685	5000K
S3496585571ERA3405	Gray	(3405) Extensive asymmetric	50	5821	55	5391	1700K
S3496585573ERA3405	Gray	(3405) Extensive asymmetric	50	6468	55	5990	3000K
S3496585574ERA3405	Gray	(3405) Extensive asymmetric	50	6868	55	6305	4000K
S3496585575ERA3405	Gray	(3405) Extensive asymmetric	50	7148	55	6619	5000K
S3496587371ERA3405	Gray	(3405) Extensive asymmetric	67	8677	73	7844	1700K
S3496587373ERA3405	Gray	(3405) Extensive asymmetric	67	10304	73	9315	3000K
S3496587374ERA3405	Gray	(3405) Extensive asymmetric	67	10847	73	9806	4000K
S3496587375ERA3405	Gray	(3405) Extensive asymmetric	67	11389	73	10296	5000K

Tolerances: +-7% LED flux / +- 10% luminaire wattage

MAGEC eralight street system OPTICS OVERVIEW



	3405 ASYMMETRIC EXTENSIVE	3406 SYMMETRIC EXTENSIVE	3407 ASYMMETRIC LONGITUDINAL
	-	160°	-
Recommendation Height	2 - 7 m.	6 - 10 m.	5 - 9 m.
Road	•	•	•
Functional Road	•	•	•
Street / Avenue	•	•	•
Residential	•	•	•
Pedestrian	•	•	•
Parks / Gardens	•	•	•
Large surfaces	•	•	•
Parking	•	•	•

REFERENCE MAGEC eralight street system

Ref. Producto	Colour luminaire	power W	Colour Temp.	System	Optics	Driver
S3496	58 (Gray)	34 (34w)	71 (1.700K)	ERA	3405 Extensive assim.	- (ON/OFF) Standard
		55 (55w)	73 (3.000K)		3406 Symmetrical 160°	DR Regulation 1-10v
		73 (73w)	74 (4.000K)		3407 Longitudinal asym.	Dn Command line reg.
			75 (4.000K)			
S3496	58	33	74	ERA	3405	DR

E.g. configuration ref. S3496583384ERA3405DR

*Other regulations consult

MAGEC eralight system / OPTICAL VERSION SYSTEM FLOW / CRI>70

1700K

W	3405 Extensive assim.	3406 Sim. extensive	3407 Longitudinal asym.
34	3569	3499	3529
55	5391	5282	5330
73	7844	7688	7756

3000K

W	3405 Extensive assim.	3406 Sim. extensive	3407 Longitudinal asym.
34	4238	4154	4192
55	5990	5870	5923
73	9315	9129	9212

4000K

W	3405 Extensive assim.	3406 Sim. extensive	3407 Longitudinal asym.
34	4462	4373	4412
55	6305	6178	6234
73	9806	9610	9696

5000K

W	3405 Extensive assim.	3406 Sim. extensive	3407 Longitudinal asym.
34	4685	4593	4633
55	6619	6487	6545
73	10296	10090	10181

Tolerances: +-7% LED flux / +- 10% luminaire wattage



secom
here comes the light



www.secom.es