

secom



ESLIM SYSTEM **eonlight**[®]
panel UGR<19



ESLIM eonlight® SYSTEM

PANEL



ESLIM eonlight is a professional lighting system for modular ceilings, with excellent efficiency and light quality.

LED panel with great visual comfort, which prevents eye fatigue thanks to its UGR<19 glare index. LED panel with different options, on/off, dimmable DALI driver or casambi communication, ideal for applications such as: offices, public buildings, schools, universities, hospitals, etc.



FEATURES



MP LED, high efficiency 116 Lm/W, high light intensity. Low light decay. Uniform luminous flux.



90° opening angle.



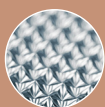
DALI 2.0 communication option (+ PUSH DIMMING).



CASAMBI communication option.



Anti-glare luminaire UGR <19.



Microprismatic diffuser.



Driver
Ripple <5%
THD <20%
FLICKER FREE



Photobiological risk 0.



5 years **eon**light warranty.



Finished in white (01).



Compatible with sensors.





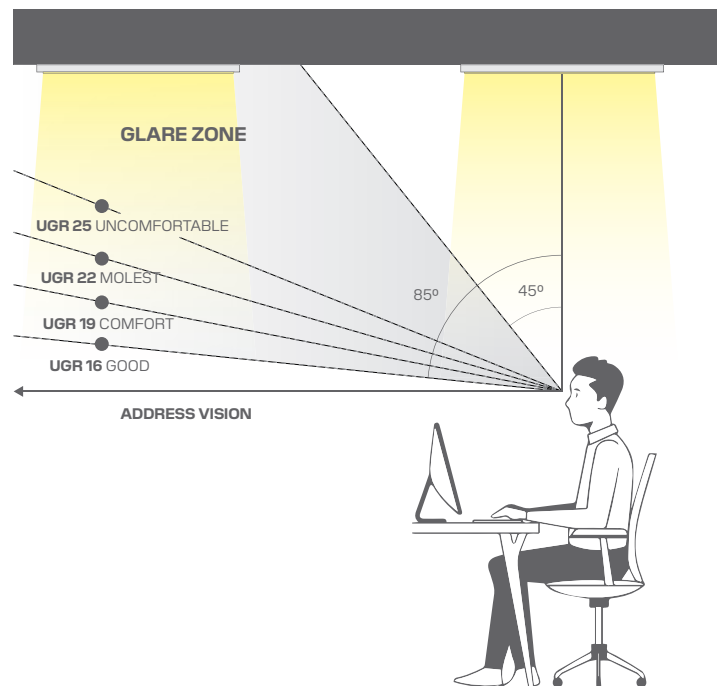
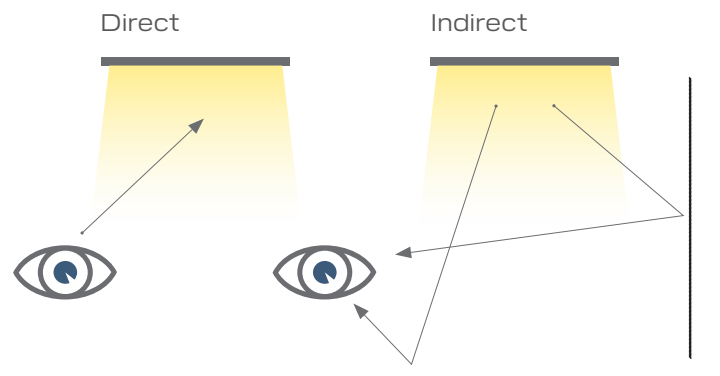
UGR

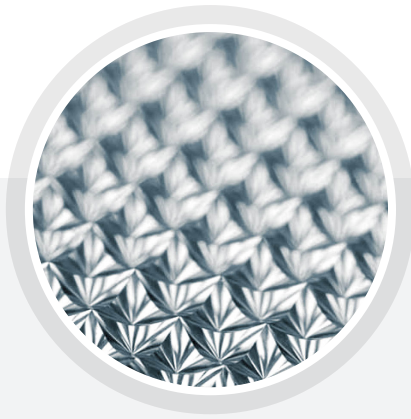
UNIFIED GLARE INDEX

Light sources are part of our lives, we use them whenever natural light is scarce or non-existent and for this reason the lighting we choose must be visually comfortable and not cause eye fatigue.

Glare is an annoying sensation caused by bright areas within the field of vision and can be caused by direct or indirect light with consequent eye fatigue.

This can be mitigated by luminaires with low UGR (unified glare ratio). UGR is described as the unwanted glare depending on the observer's position and direction of view in indoor lighting, this parameter has to be equal to or less than 19, on a scale measuring from 10 to 30.





UGR < 19

Microprismatic diffuser

Excellent glare performance with a reduced material thickness of 2 mm.

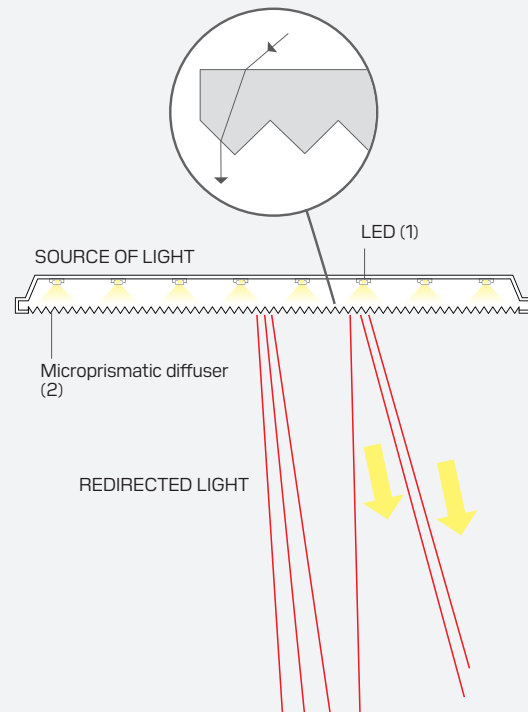
Mechanical stability almost identical to that of 3 mm thickness, thanks to concave structures and continuous cell connectors.

Maximum efficiency.

Ideal lighting for workstations.

LED panel compliant with the specific EN12464 glare standard.

Micro-prismatic LED panel that suppresses high-angle light above 65 degrees to reduce visual glare while increasing light on-axis.



The arrangement of the LEDs (1) are positioned at a certain distance from the external microprismatic diffuser (2) to ensure maximum light uniformity.

The backlit panels are thicker than the side-lit panels, this method of construction gives the advantage of having a larger heat dissipation surface area, thus keeping the temperature of the LEDs low and offering a longer life span, thus saving on maintenance.

RESULT ESLIM eonlight UGR (TEST)

Ceiling / cavity	0,7	0,7	0,5	0,7	0,3	0,7	0,7	0,5	0,5	0,3
Walls	0,5	0,3	0,5	0,3	0,3	0,5	0,3	0,5	0,3	0,5
Working plane	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2
Room dimensions	Cross-sectional view					Viewed from side to side				
x = 2H y = 2H	15,2	16,6	15,5	16,7	16,9	15,4	16,8	15,7	16,9	17,1
3H	15,9	17,1	16,2	17,3	17,6	16,1	17,3	16,4	17,5	17,8
4H	15,8	17,0	16,1	17,2	17,4	16,0	17,2	16,3	17,4	17,6
6H	15,7	16,8	16,0	17,0	17,3	15,9	17,0	16,2	17,2	17,5
8H	15,7	16,7	16,0	17,0	17,2	15,9	16,9	16,2	17,2	17,4
12H	15,6	16,6	16,0	16,9	17,2	15,8	16,8	16,2	17,1	17,4
x = 4H y = 2H	15,5	16,7	15,8	16,9	17,2	15,7	16,8	16,0	17,1	17,3
3H	16,3	17,3	16,6	17,5	17,8	16,5	17,5	16,8	17,8	18,0
4H	16,2	17,1	16,6	17,4	17,7	16,4	17,3	16,8	17,6	17,9
6H	16,1	16,9	16,5	17,2	17,6	16,3	17,1	16,7	17,4	17,8
8H	16,1	16,8	16,5	17,1	17,5	16,3	17,0	16,7	17,3	17,7
12H	16,0	16,7	16,4	17,0	17,4	16,2	16,9	16,6	17,2	17,6
x = 8H y = 4H	16,1	16,8	16,5	17,2	17,6	16,3	17,0	16,7	17,7	17,8
6H	16,0	16,8	16,5	17,0	17,4	16,2	16,8	16,7	17,2	17,6
8H	16,0	16,5	16,4	16,9	17,4	16,2	16,7	16,6	17,1	17,6
12H	15,9	16,4	16,4	16,8	17,3	16,1	16,6	16,6	17,0	17,5
x = 12H y = 4H	16,1	16,7	16,5	17,1	17,5	16,3	16,9	16,7	17,3	17,7
6H	16,0	16,5	16,4	16,9	17,4	16,2	16,7	16,6	17,1	17,6
8H	15,9	16,4	16,4	16,8	17,3	16,1	16,6	16,6	17,0	17,5

Variations with the observer's position in distances

s = 1,0H	+ 0,6 / - 0,9	+ 0,5 / - 0,8
1,5H	+ 1,3 / - 1,7	+ 1,4 / - 1,5
2,0H	+ 1,5 / - 1,3	+ 1,9 / - 1,6



REFERENCE GENERATOR

REF.PRODUCT	COLOUR	POWER (W)	SYSTEM	TEMP.COLOUR	OPTIC	*DRIVER	*ACCESSORIES
S4270	01 (White)	40 (38 W)	EON	84 (4000 K)	- Without secondary optics 90°	- ON / OFF Standar	-
						DRD Driver prom. DALI	
						LCS Casambi	
S4270	01	40	EON	84	-	DRD	-

Exemple de configuration **S42700140EON84DRD**

COMPLEMENTS

SKE1	Emergency kit 1 h. autonomy (without self-test)
SKE3	Emergency kit 1 h. autonomy (Without self-test)
SOTR0303	Emergency kit 3 h. autonomy (Self-test) Class II
SMZ02	Kit 4 clamps (multi-purpose)
SMZ01	Surface frame (assembled)

SMZ01SUPERFICIE	Surface frame (unmounted) only without adjustment
SMZ01EMPOTRAR	Flush-mounted frame
SMZ07	Suspension kit (suspension + frame)
S1215	Safety cable
S1212B	Leg for safety cable

COLOURS



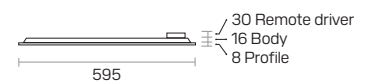
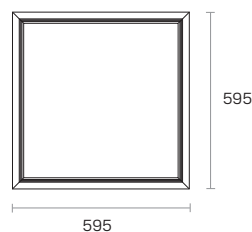
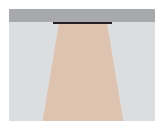
WHITE (01)

FLOW OPTICAL SYSTEM / CRI>80

Lm. 4000K

38W 4400 lm.S / 5.260 lm.L

DIMENSIONS

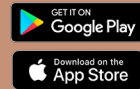


LCS CASAMBI

When it comes to managing and controlling lighting, ease of use by the user must be paramount.

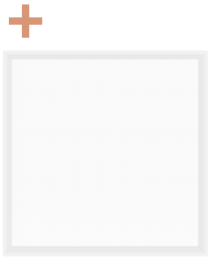
Based on this premise, at Secom we offer you the LCS Casambi integrated system, this system allows the end user to control and manage all the lighting wirelessly (Bluetooth 4.0) from the free Casambi app, available on both Android and IOS and with bluetooth communication.

The app allows you to create rooms, switch on, switch off and dim the lighting at any time with a single touch of the screen.



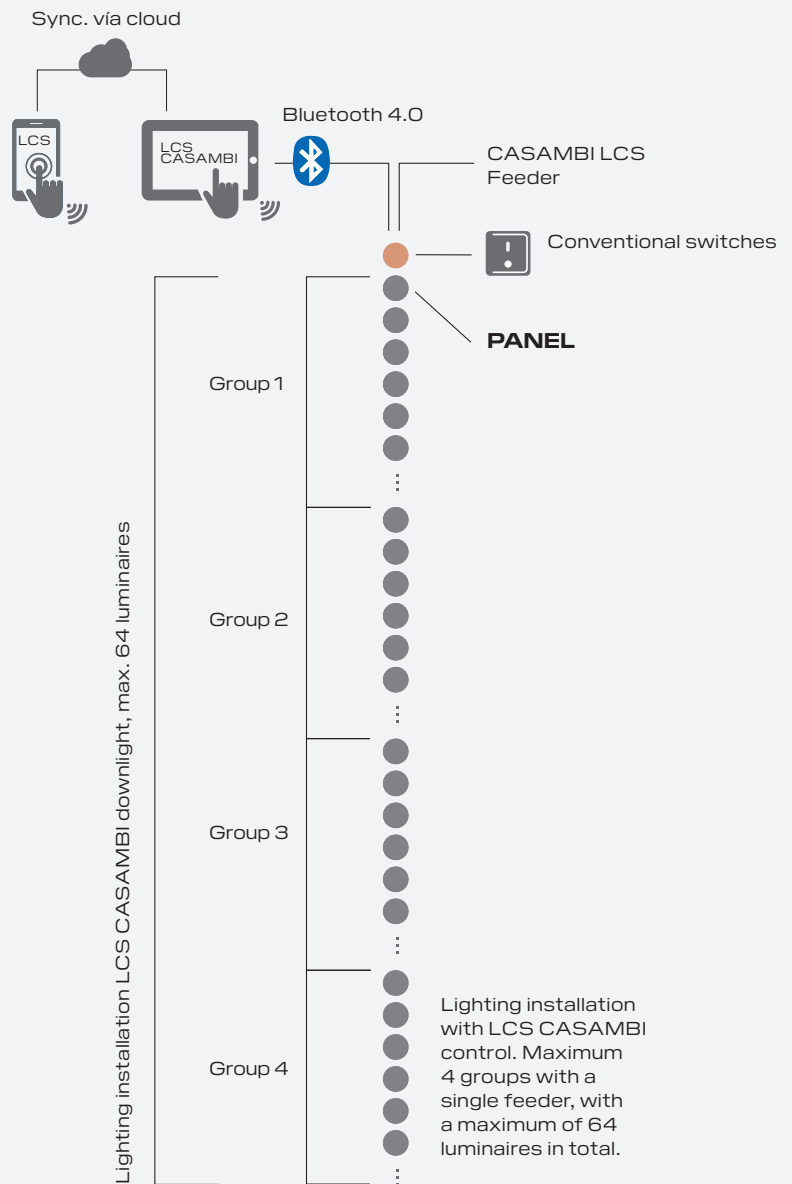
LIGHTING CONFIGURATION WITH LCS CASAMBI SOLUTION

LCS CASAMBI
Ref. SGTWLCS



LCS CASAMBI
CONTROLS A MAXIMUM OF 64
DALI PANELS

PANEL DALI
Ref. S42700140EON84DRD
ARMSTRONG



OPTIONS
Point to point (on request/economic study).
Tailor-made grouping (under study).

secom

LIVE THE
LIGHT

Polígono Industrial La Estrella
Calle Marte, 18-21
30500 Molina de Segura
Murcia / Spain
+34 968 80 12 11
www.secom.es

