



INTEGRATED AUTODIMMER SENSOR



AUTO-ADAPTIVE ILLUMINATION WITH ENERGY SAVINGS OF MORE THAN 75% (AUTOMATIC DIMMER)

For energy savings of more than 75% an integrated system for automatic compensation of natural light that includes a photo-sensor and an autodimmer power source is essential. The power of the device varies automatically depending on the contribution of natural light to the illumination of the space, maintaining a predetermined LUX number on the work surface.

SD LED Panel

LED optic technology,
UGR <19 for video terminals
on flat plane



The highest level of simplicity for tertiary LED lighting. LED Panel, is designed for use in offices, large areas, modern and minimalist work sites.

The special micro prismatic anti-glare diffuser grants it an UGR<of 19 making it perfect for use in work areas occupied for long periods of time or where video terminals are present.

The minimal design, exalts the architectural design of modern spaces with false ceilings but the most appealing look is achieved with suspension lighting that enhances the space with airy and light elements thanks to the reduced structural impact (the thickness of the SD LED Panel is only 9 mm).

SD LED Panel UGR<19

Ceiling, Suspension, M600

Autodimmer



Innovative and highly versatile LED source device. The highly reduced thickness, and the minimal weight permit suspension installation even in prestigious architectural spaces. When built-in on the exposed structure, the particular and innovative profile permits total alignment of the appliance with the ceiling panels.

The extremely high efficiency of the LEDs and the opal micro prismatic diffuser screen allow the use of this revolutionary device in all spaces that are occupied for long periods of time and demand excellent visual comfort such as schools, hotels and shopping centers. Installation is easy with the exclusive rapid fixing system.

Also available is an emergency kit that includes an inverter and battery for activation in case of blackouts both in the AT and LG intelligent versions and with the latest Plug&Light immediate-connection inverter.

Equivalent Power* 2x36, 4x18 W

Power supply 93÷265 Vac - 50/60Hz,
176÷250 Vdc

Conformity EN60598-1; EN60598-2-22;
EN 62471

Protection level IP40

UGR <19

Environmental temp. -20°C +40°C

Installation recessed M600, ceiling, suspension

Frame Aluminum, white color

PMMA diffuser stabilized to UV rays
self-extinguishing, micro prismatic,
anti-glare

Power Supply **Electronic SD** (cos φ 0.96)
Electronic intelligent dimming system

Color temperature 4000K

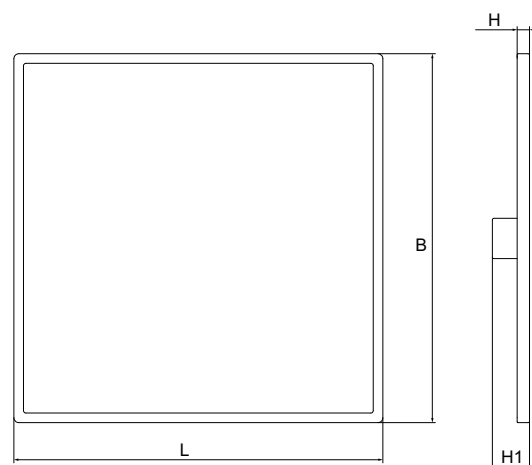
MTBF Power supply** 65,000h

Maintenance 50,000h (L80B20)
luminous flux**

Color stability 3 SDCM

* Equivalent power for comparison with fluorescent tube device

** At environmental reference temperature of 25°C



Type	• Size (mm) •				Weight kg
	L	B	H	H1	
600x600	595	595	9	41	3.5
1200x300	1196	296	9	41	4.9

Accessories

supplied

Code Order	Description
-	AUTODIMMER SENSOR

Accessories

to be ordered separately

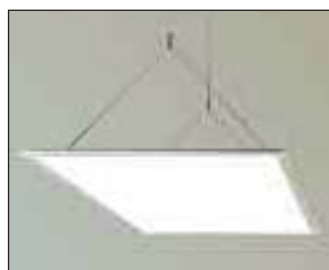
Code Order	Description
19355	INV LED AT/LG 6W 55V 123H
19356	INV LED LGFM 6W 55V 123H
19358	INV PLUG&LIGHT LED SE/SA 1H
19359	INV PLUG&LIGHT LED SE/SA 3H
20094	SUSPENSION KIT
20097	CEILING ADAPTOR

Building automation



to be ordered separately

Code Order	Description
20102	DOMOTIC CENTER
20104	DOMOTIC RADIO INTERFACE TRANSMITTER
15022	DOMOTIC RADIO MODULE
15024	DALI MODULE
15034	1-10V MODULE
15025	GRANDE ESCO ITALIA RADIO MODULE



SUSPENSION INSTALLATION

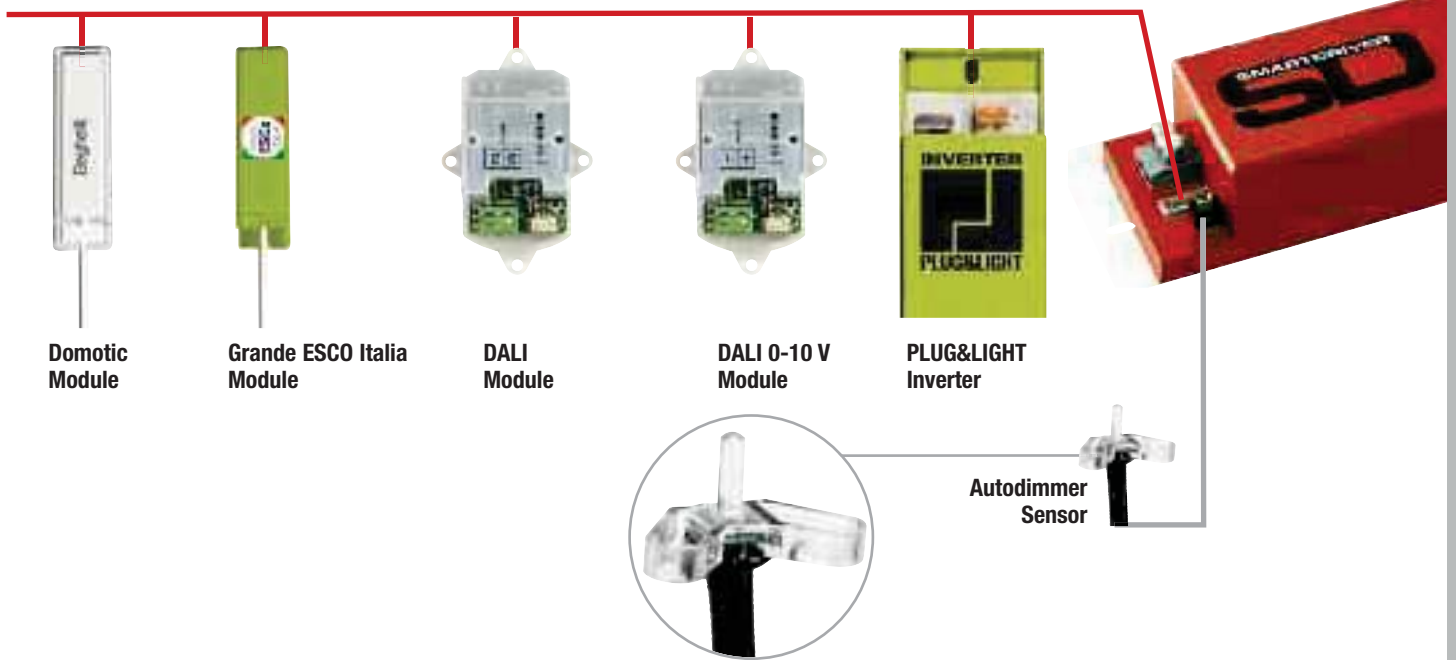


CEILING INSTALLATION

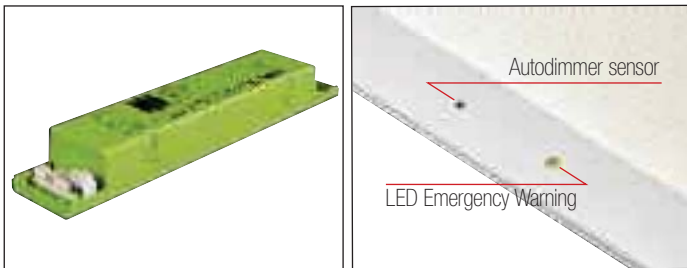


RECESSED INSTALLATION

INTELLIGENT MODULES CONNECTABLE TO BEGHELLI SMARTDRIVER



SENSOR WITH PLUG&LIGHT INVERTER



PLUG&LIGHT SYSTEM

The innovative LED Plug&Light Inverter is a fast and economic system that enables emergency operation: connect the inverter to the inside of the LED signaling strip and the device will activate in case of blackout with up to 1 hour autonomous power supply (cod. 19358) or 3h (cod. 19359)

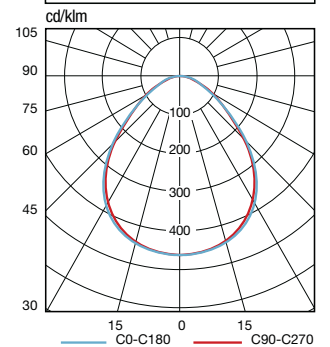
19358	PLUG&LIGHT LED SE/SA 1H INVERTER	to be ordered separately
19359	PLUG&LIGHT LED SE/SA 3H INVERTER	to be ordered separately



Device with prismatic glass diffuser with high transmission level that reduces glare, maintaining unaltered lighting efficiency.

Cod. Ord. 418PSD

4x18W



SPECIAL VARIATIONS: COLOR TEMPERATURE OF LEDS UPON REQUEST
Contact Beghelli Sales Network


LED Panel UGR <19

SmartDriver Electronic Driver **SD**

Power* W	Cod. Order	Description	LED Power	Color temperature K	Chromatic performance	Power consumption Max W	N° LED	LED Flow lm (Tj=25°C)	Device Flow lm	Luminous efficiency lm/W	Energy class	Pack
4x18	418PSD	LED PANEL 418 M600 UGR19 SD 4K	32W	4000	>80	36 (30***)	270	5500	4000	111	A++	1
2x36	236PLSD	LED PANEL 236 300x1200 UGR19 SD 4K	32W	4000	>80	36 (30***)	270	5500	4000	111	A++	1

*** The power consumption has an auto derating to the power indicated in parenthesis if the product is powered by voltage less than 160 Vac. LED power, LED Flux and output Flux from the device will be reduced in proportion to the power derating.





Installation in open space offices, where glare (UGR<19) is a priority factor for those using PCs but where adequate light diffusion over the entire space is equally important.