

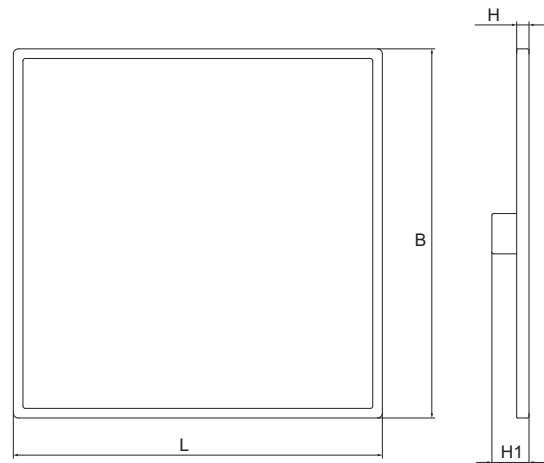
LED Panel SD

Ceiling, Suspension, M600

Innovative and highly versatile LED fixture. The highly reduced thickness and the minimal weight provide a real solution for suspended installation even in prestigious architectural spaces. When recessed in the exposed structure, the slim and innovative fixture profile gets perfectly aligned with the ceiling panels.

The high efficiency LEDs and the opal micro-prismatic diffuser screen allow to use this revolutionary fixture in every kind of application where visual comfort and diffuse lights are required, for example in offices, schools, hotels and shopping malls. Mounting is easier thanks to the exclusive quick fastening system.

The emergency Plug & Light kit, available because LED panel is equipped with SD, lets to transform the fixture in a emergency lighting in case of power main failure.



Version	• Dimensions (mm) •				Weight kg
	L	B	H	H1	
600x600	595	595	9	41	3.5

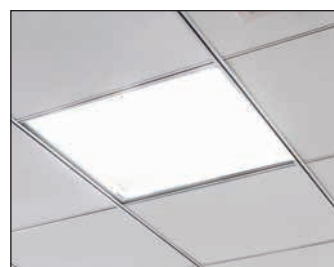
SUSPENDED MOUNTING



CEILING MOUNTING



RECESSED MOUNTING



GENERAL CHARACTERISTICS

Equivalent Power*	4x 18 W
Power supply	Universal Multi Voltage 93–265 V _{AC} 50–60 Hz 176–250 V _{DC}
Standard	EN 60598-1, EN 60598-2-22, (fundamental requirements) EN 62471
Protection grade	IP40, IP65
Working temp.	-20 °C ÷ +40 °C
Mounting	recessed M600, ceiling, suspension
Body	Aluminum, white color, RAL 9003
Optic	self-extinguishing micro-prismatic screen stabilised against UV rays, anti-glare
UGR	<19
Luminance	65° < 3 000 cd/mq
Driver	Electronic SD (cos φ ≥ 0.96) with intelligent dimming
MTFB Control gear**	80 000 h
Colour Temperature	4 000 K
Luminous flux maintenance**	>60 000 (L80B20)
Colour deviation	3 SDCM

* Equivalent power for comparison with fluorescent tube fixtures

** At environmental reference temperature of 25 °C

Accessories

supplied

Order code	Description
15039	OPTICOM PHOTOSENSOR

Accessories

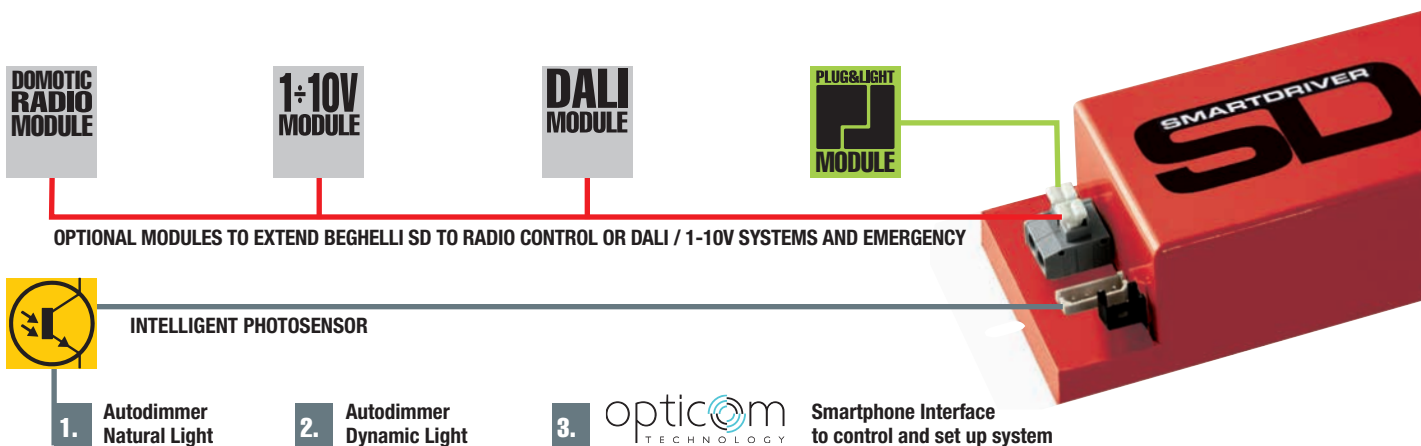
to be ordered separately

Order code	Description
20094	SUSPENSION KIT
20097	CEILING ADAPTER

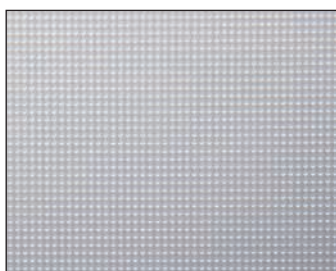
Building automation

to be ordered separately

Order code	Description
20102	BUILDING AUTOMATION CENTRAL UNIT
20124	BUILDING AUTOMATION CENTRAL UNIT WIFI
20104	2 INPUT INTERFACE – RADIO TRANSMITTER
15022	BUILDING AUTOMATION RADIO MODULE
15024	DALI MODULE
15034	1-10V MODULE



PRISMATIC GLASS DIFFUSER



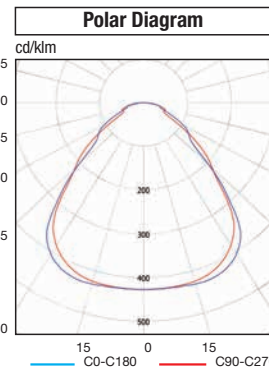
Efficiency and dimming

The increase in luminous efficacy (lm/W) and the useful life of the device may vary significantly according to the degree to which it is dimmed. Assuming an average level of 50% of the luminous flux, the following results are obtained with the LED Panel SD:

- Dimming **SD** **50 %**
- Device duration **+40 %**
- Luminous efficiency **+15 %**

SPECIAL VARIANTS: COLOUR TEMPERATURE ON REQUEST, IP65 VERSION
Contact the Beghelli sales network

INVERTER	EMERGENCY WITH LED INVERTER		TR	AT	LG	LGFM
		19358	INVERTER PLUG&LIGHT LED SE/SA 1H 20-60 V	to be ordered separately		
		19359	INVERTER PLUG&LIGHT LED SE/SA 3H 20-60 V	to be ordered separately		
		19364	INV LED IP65 AT/LG 123H (addressable)	to be ordered separately		
		19365	INV LED IP65 LGFM 123H (addressable)	to be ordered separately		



LED Panel – UGR <19

SmartDriver **SD**

Power* W	Order code	Description	LED Power W	Colour Temp. K	Colour rendering	Power consumption max. W	N°LEDs	Flux of LEDs lm (Tj=25°C)	Flux of fixture lm	lm/W	Energy Class	Packaging
4x 18	418PSD	LED PANEL 418 M600 UGR19 SD 4K	32	4 000	>80	36	270	5 500	4 000	111	A++	1
4x 18	418PSDIP65	LED PANEL 418 M600 IP65 SD 4K	32	4 000	>80	36	270	5 500	4 000	111	A++	1