

Lens Panel LED

Ceiling, Suspension, M600

This product is designed for flush-mounting installation in M600 modules, but its true elegance emerges in ceiling-mounting and suspended installations without an adapter frame. The profile is one of the slimmest on the market (8 mm). In the Eco Driver version, the power supply unit is inserted in the lamp profile. Slimmer than a LED panel, but offering a far higher EFFICIENCY level (>125 lm/W). Optic created with the multi-lenticular system with high transmittance, to reduce the glare effect (UGR <19) whilst maintaining the same lighting efficiency.



GENERAL CHARACTERISTICS

Equivalent Power* 2x 36, 2x 58 W

Power supply SD Version:

93–265 V_{AC} 50/60 Hz

176–250 V_{DC}

ED Version: 230 V_{AC} ±10 % 50 Hz

Standard EN 60598-1, EN 60598-2-1, EN 60598-2-22 (fundamental requirements), EN 62471 (Photobiological hazard)

Protection grade IP40 (visible side), IP20 (recessed side)

Working temp. -20 °C ÷ +40 °C

Mounting ceiling, suspended mounting

Body galvanised Sheet steel painted with polyester powders RAL 9003

Lenses transparent PMMA

UGR <19

Luminance 65° < 3 000 cd/mq

Driver SD Version:

Electronic SD (cos φ ≥ 0.96)

Electronic intelligent dimming system

ED Version:

Electronic ED (cos φ ≥ 0.95)

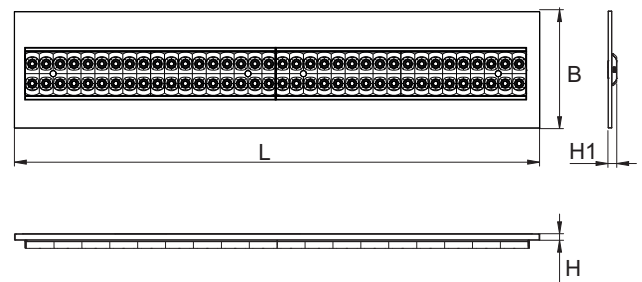
MTBF Control gear** 80 000 h

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



Version	• Dimensions (mm) •					Weight kg
	L	B	H	H1 (ED)	H2 (SD)	
1 200x300	1 196	296	8	19	51	4.9

Accessories **SD**

supplied

Order code Description

15039 OPTICOM PHOTOSENSOR

Accessories

to be ordered separately

Order code Description

70033 SUSPENSION KIT

20100 CEILING FRAME LED PANEL 300X1200

(only for SD versions or when paired with the Plug&Light inverter)

Building automation **SD**

to be ordered separately

Order code Description

20102 BUILDING AUTOMATION CENTRAL UNIT

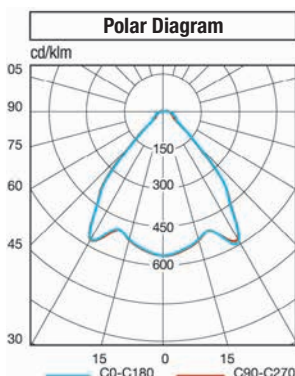
20124 BUILDING AUTOMATION CENTRAL UNIT WIFI

20104 2 INPUT INTERFACE – RADIO TRANSMITTER

15022 BUILDING AUTOMATION RADIO MODULE

15024 DALI MODULE

15034 1-10V MODULE



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 Lens Panel LED:

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

DOMOTIC RADIO MODULE

1÷10V MODULE

DALI MODULE

PLUG&LIGHT MODULE

OPTIONAL MODULES TO EXTEND BEGHELLI SD TO RADIO CONTROL OR DALI / 1-10V SYSTEMS AND EMERGENCY



INTELLIGENT PHOTOSENSOR

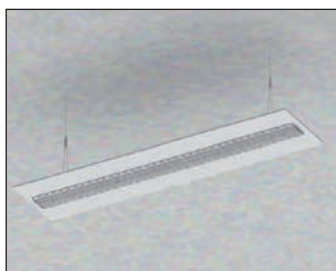
1. Autodimmer Natural Light

2. Autodimmer Dynamic Light

3. opticom TECHNOLOGY

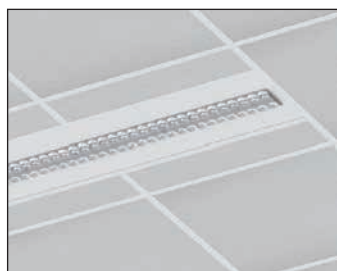
Smartphone Interface to control and set up system

SUSPENDED MOUNTING

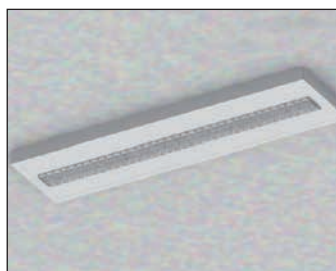


70033 SUSPENSION KIT

RECESSED MOUNTING



CEILING MOUNTING



20100 CEILING ADAPTER 300x1200

MULTI-LENTICULAR SCREEN



SPECIAL VARIANTS: COLOUR RENDERING ≥90, COLOUR TEMPERATURE ON REQUEST
Contact the Beghelli sales network

EMERGENCY WITH LED INVERTER

TR AT LG LGFM

INVERTER	19358	INVERTER PLUG&LIGHT LED SE/SA 1H 20-60V	<i>to be ordered separately</i>
	19359	INVERTER PLUG&LIGHT LED SE/SA 3H 20-60V	<i>to be ordered separately</i>
	19355*	INVERTER LED AT/LG 6W 55V 123h	<i>to be ordered separately</i>
	19372*	INVERTER LED AT/LG 8W 55V 123h	<i>to be ordered separately</i>
	19390*	INV EXT AT/LG 15W 55V 0.75-1-2-3-8h LTO	<i>to be ordered separately</i>
19391*	INV EXT AT/LG 15W 55V 0.75-1-2-3-8h LiFe	<i>to be ordered separately</i>	

* IP65 cover (order code 19376) is needed for the installation LGFM Module 19375

Lens 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
2× 36	LP236SD	LENS PAN 236 300x1200 UGR19 SD4K	38	4 000	>80	41	72	6 100	5 300	130	A++	1/3
2× 58	LP258SD	LENS PAN 258 300x1200 UGR19 SD4K	50	4 000	>80	56	72	7 500	7 000	125	A++	1/3

Lens Panel – UGR <19

Eco Driver **ED**

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
2× 36	LP236ED	LENS PAN 236 300x1200 UGR19 ED4K	29	4 000	>80	32	72	5 400	4 500	140	A++	1/3
2× 58	LP258ED	LENS PAN 258 300x1200 UGR19 ED4K	46	4 000	>80	50	72	7 100	6 500	130	A++	1/3