

P236/P258 LED

Ceiling, suspension

Ceiling or suspension fixture for installations in the tertiary sector. Characterized by excellent Dark Light anti-glare control, its use is particularly indicated in all workplaces with video terminals where employees are exposed to artificial light for long periods.

The exact emission of light on the work surface gives high characteristics of comfort and precision of the beam of light. A range of accessories is available for heavy wiring and for mechanical fixing in a continuous row to obtain a civil system of the latest generation.

Additional accessories are also available for integrating emergency lighting: the LED Inverter for lighting up part of the fixture in the event of a black-out, or the LED Module for inserting in the seat provided.

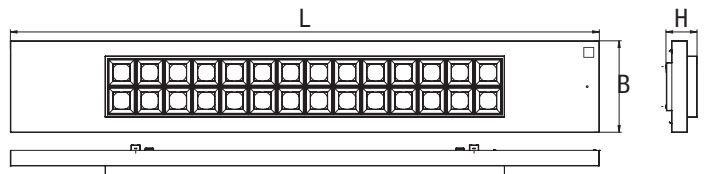


GENERAL CHARACTERISTICS

Equivalent Power*	2x 36, 2x 58 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 (photobiological hazard)
Protection grade	IP20
Working temp.	-20 °C ÷ +40 °C
Mounting	ceiling, suspension
Housing	polyester powder coated sheet steel RAL 9003
Optic	sheet metal Dark light type, opaline PMMA lenses
UGR	<19
Luminance	<1 000 cd/mq 65°
Colour Temperature	4 000 K
Driver	SELV electronic SD (cos φ ≥ 0.96) Electronic with intelligent dimming
MTFB control gear**	80 000 h
Luminous flux maintenance**	>60 000 h (L80B20)
Colour deviation	3 SDCM

* Equivalent power for comparison with fluorescent tube fixtures

** At environmental reference temperature of 25 °C



W	• Dimensions (mm) •			Weight kg
	L	B	H	
2x 36	1 327	206	70	4.6
2x 58	1 327	206	70	4.6

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 P236/P258 LED:

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

Accessories

supplied

Order code	Description
15039	OPTICOM PHOTOSENSOR

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

Accessories

to be ordered separately

Order code	Description
20080	P236/58 LED SINGLE SUSPENSION
20081	P236/58 LED SUSPENSION + SINGLE MAINS CABLE
20087	COUPLING + CONT ROW SUSP CABLE
20088	THREE-PHASE THROUGH WIRING

SPECIAL VARIANTS: COLOUR RENDERING ≥90, COLOUR TEMPERATURE ON REQUEST, SICURO 24 SLGS Contact the Beghelli sales network

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

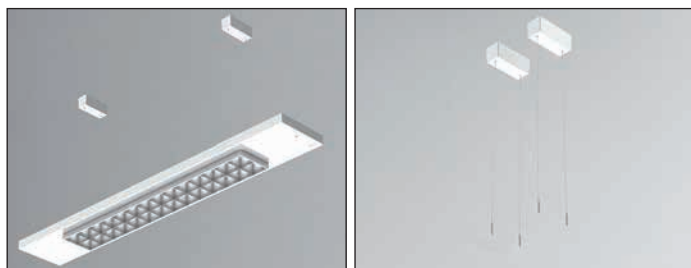
3. **opticom**
TECHNOLOGY

Smartphone Interface
to control and set up system



CEILING AND SUSPENDED

SUSPENDED MOUNTING



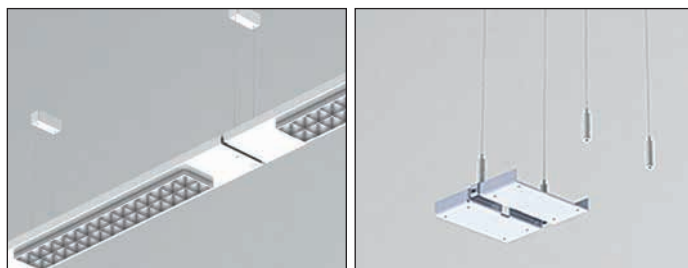
20080 P236/58 LED SINGLE SUSP

to be ordered separately

20081 P236/58 LED SUSP+SINGLE CABLE

to be ordered separately

CONTINUOUS ROW MOUNTING



20088 THREE-PHASE THROUGH WIRING CEILING

to be ordered separately

20087 COUPLING+3-PHASE THROUGH WIRING SUSPENSION

to be ordered separately

EMERGENCY WITH INVERTER ECOLED



19350 INVERTER ECOLED SE 1N RM

to be ordered separately

19341 MODULE EM LED AT SE 1N

to be ordered separately

19342 MODULE EM LED LG SE/SA 1/3H

to be ordered separately

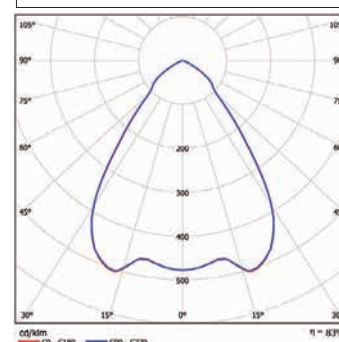
19343 MODULE EM LED LGFM SE/SA 1/3H

to be ordered separately

DARK LIGHT WIDE OPTIC



Polar Diagram



EMERGENCY WITH LED INVERTER

TR AT LG LGFM

19358 INVERTER PLUG&LIGHT LED SE/SA 1H 20-60V to be ordered separately

19359 INVERTER PLUG&LIGHT LED SE/SA 3H 20-60V 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

RA02*** AUTORIPARA INVERTER BATTERY 7,2V 1,7 Ah to be ordered separately

***Contact the Beghelli sales network for availability

P236/258 LED

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
2x 36	P236SD	CEILING LED 2x36 SD 4000K	31	4 000	>80	36	140	4 800	4 000	111	A++	1
2x 58	P258SD	CEILING LED 2x58 SD 4000K	42	4 000	>80	47	140	6 160	5 100	109	A++	1