

# 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.

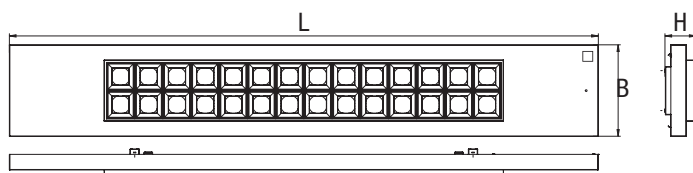


## GENERAL CHARACTERISTICS

<b>Equivalent Power*</b>	2x 36, 2x 58 W
<b>Power supply</b>	93–265 V <sub>AC</sub> 50/60 Hz 176–250 V <sub>DC</sub>
<b>Standard</b>	EN 60598-1, EN 60598-2-22 (fundamental requirements), EN 62471 (photobiological hazard)
<b>Protection grade</b>	IP20
<b>Working temp.</b>	-20 °C ÷ +40 °C
<b>Mounting</b>	ceiling, suspension
<b>Housing</b>	polyester powder coated sheet steel RAL 9003
<b>Optic</b>	sheet metal Dark light type, opaline PMMA lenses
<b>UGR</b>	<19
<b>Luminance</b>	<1 000 cd/mq 65°
<b>Colour Temperature</b>	4 000 K
<b>Driver</b>	SELV electronic SD (cos φ ≥ 0.96) Electronic with intelligent dimming
<b>MTBF control gear**</b>	80 000 h
<b>Luminous flux maintenance**</b>	>60 000 h (L80B20)
<b>Colour deviation</b>	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:

<b>Dimming SD</b>	<b>50 %</b>
<b>Device duration</b>	<b>+40 %</b>
<b>Luminous efficiency</b>	<b>+15 %</b>

## Accessories

supplied

Order code	Description
15039	OPTICOM PHOTOSENSOR

## 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

## 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

**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

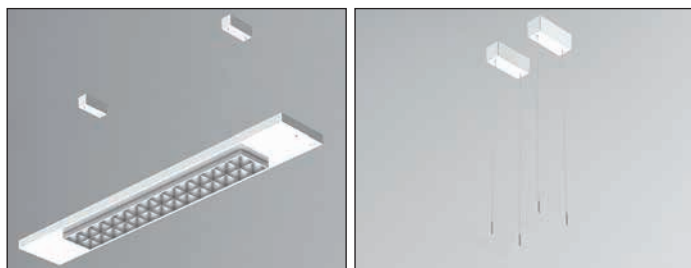
1. Autodimmer  
Natural Light

2. Autodimmer  
Dynamic Light

3. **opticom**  
TECHNOLOGY

Smartphone Interface  
to control and set up system

### SUSPENDED MOUNTING



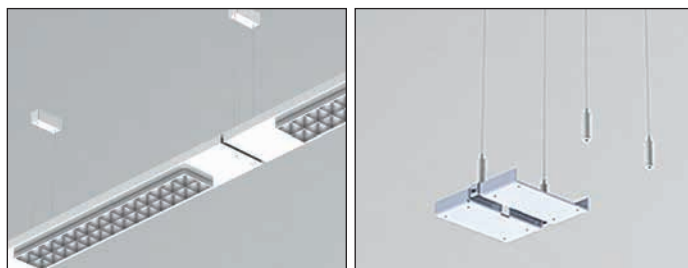
**20080** P236/58 LED SINGLE SUSP

*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



### 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*

**19355** INVERTER LED AT/LG 6W 55V 123H *to be ordered separately*

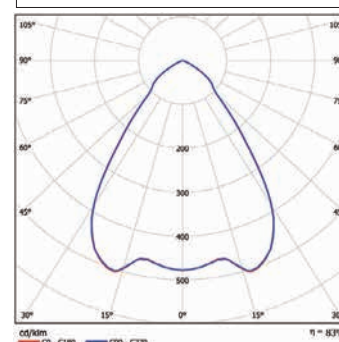
**19372** INVERTER LED AT/LG 8W 55V 123H *to be ordered separately*

**19390** INV EXT AT/LG 15W 55V 0,75-1-2-3-8H LTO *to be ordered separately*

**19391** INV EXT AT/LG 15W 55V 0,75-1-2-3-8H LiFe *to be ordered separately*

LG Inverters can be transformed in LGFM with the accessory code 19375

### Polar Diagram



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

CEILING AND SUSPENDED