

# BS100 LED HO

## Industrial LED luminaire

Professional fixture with high luminous flux and antiglare system. It's able to work in emergency mode if equipped with Plug&Light LED Inverter or addressable logica LED inverter. The selfextinguishing polycarbonate screen is stabilized to UV rays. The screen has a microstructured antiglare surface particularly designed to spread the LED light in the best way.

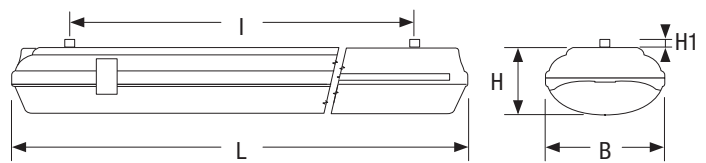
The luminaire is strong and long-lasting with an ageresistant expanded polyurethane seal and concealed closure hooks made from polyester based technopolymer.



### GENERAL CHARACTERISTICS

- Power** 198-264 VAC, 50-60 Hz; 176-280 VDC
- Standard** EN 60598-1, EN 60598-2-1, EN 60598-2-22 (fundamental requirements), EN 62471 (Photobiological hazard)
- Protection grade** IP65
- Working temp.** -20 ÷ +40 °C
- Mounting** ceiling, suspension, busbar trunking
- Housing** Polycarbonate, RAL 7035 light grey
- Optic** white reflective powder coated steel
- Louvre** Micro-structured finished high transmission polycarbonate
- Driver** SELV electronic (cos φ ≥ 0,95)
- MTFB Control gear\*** 75 000 h
- Luminous flux maintenance\*** >60 000 h (L80B20)
- Colour deviation** 3 SDCM

\* At environmental reference temperature of 25 °C



Power W	L	• Dimensions (mm) •			I	Weight max. kg
		B	H	H1		
110	1 581	170	95	10	900	2.7

## Accessories

to be ordered separately

Order code	Description
8067	PROTECTIVE GRID 58W/80W
3504	BRACKET WALL INSTALLATIONS
3507	CLOSING CLIPS IN STAINLESS STEEL 58W/80W (10pcs)
8010	KIT WIRING THROUGH 58W/80W

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

### CEILING INSTALLATION



Inverters are to be built in to the luminaire by the manufacturer.  
For ordering of the individual types use the code suffix from the table:

Suffix	Code	Description	Working temp. of luminaire
/PL1	19358	INVERTER PLUG&LIGHT LED SE/SA 1H 20-60 V	0 °C ÷ +40 °C
/PL3	19359	INVERTER PLUG&LIGHT LED SE/SA 3H 20-60 V	0 °C ÷ +40 °C
/LGL	19355	INVERTER LED LG 6W 55V 123H	0 °C ÷ +40 °C
/LGLN	19372	INVERTER LED AT/LG 8W 55V 123h	0 °C ÷ +40 °C
/LTX	19390	INV EXT AT/LG 15W 55V 0,75-1-2-3-8H LTO	-20 °C ÷ +40 °C
/LFX	19391	INV EXT AT/LG 15W 55V 0,75-1-2-3-8H LiFe	-10 °C ÷ +40 °C

Example of code with inverter 19358: A18-10070CED/PL1

## BS100 LED



Code	Description	LED Power W	Colour temp. K	Colour rendering	Power consumption max. W	N°LED	Lum. flux LED lm (Tj=25°C)	Flux of fixture lm	lm/W	EEC	Packaging
A18-10070CED	BS100 LED ED 4000K	110	4000	>80	122	384	18500	15250	125	A++	1