



BS100 LED Regolabile / non-SELV

Waterproof ceiling luminaire

High performance luminaire with high flux and no-glare screen. Ready for emergency mode when equipped with related power-pack. The luminaire is designed as versatile solution equipped with a 4-position switch driver allowing to change light output into 4 different values. Luminaire body is composed of self-extinguishing polycarbonate UV stabilized and screen is designed to spread light in the no-glare best way. Luminaire is suitable for outdoor installations (when protected from direct impact of weather conditions, namely sun, rain, wind, snow or hailstorm) and for industrial environments thanks to a special gasket and closing hooks.

GENERAL CHARACTERISTICS

Power supply 230Vac ±10% 50Hz

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

Protection grade IP65, IK05

Working temp. -20 ÷ +40°C

Mounting ceiling, suspension, busbar trunking

Housing Polycarbonate, RAL 7035 light grey

Optic white reflective powder coated steel

Diffuser Micro-structured finished
high transmission polycarbonate

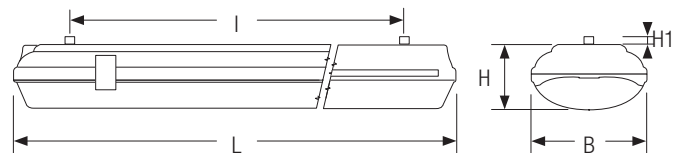
Driver Electronic (cos $\varphi \geq 0,98$)
current driven in 4 different steps

MTBF Control gear** 60.000h

Luminous flux maintenance**
>60.000h (L80B20)

Colour deviation 3 SDCM

** At environmental reference temperature of 25°C



Measure	• Dimensions (mm) •					Weight max kg
	L	B	H	H1	I	
S	671	170	95	10	475	1,4
M	1280	170	95	10	660	2,3
L	1581	170	95	10	900	2,7

Accessories

supplied

Order Code	Description
-	CABLE GLAND M20

Accessories

to be ordered separately

Order Code	Description
3905	PROTECTIVE GRID S670
8066	PROTECTIVE GRID M1280
8067	PROTECTIVE GRID L1560

SPECIAL VERSIONS: versions with color temperatures at 3000K and 6000K.
Contact Beggelli sales for more informations.

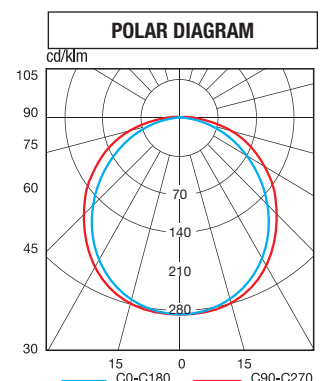
EMERGENCY WITH LED INVERTER version Regolabile non-SELV

TR

19367 INV PLUG&LIGHT LED SE/SA 1H 60-180V *to be ordered separ.*

19371 INV PLUG&LIGHT LED SE/SA 3H 60-180V *to be ordered separ.*

INVERTER



Energy saving optimization by help of 4 different flux values in 4 different steps

Luminaire set at max. flux (step 4) at manufacturing



Lighting installations should take care for both proper illumination as well as energy savings. BS100 LED Adjustable provides both the two qualities thanks to its 4-steps driver (current driven) so that to perform the highest light efficiency and energy saved.

To assess step fluxes, check the table of codes.

BS100 LED Regolabile non-SELV S 670

Order code	Description	Colour temperature K	Colour rendering	Power consumption Max W	Luminous efficiency lm/W	Packaging sing/multi	Fixture Flux max lm
40003H	BS100 LED REGOLABILE HV S670 4K	4000	>80	34	162	1	5500
				STEP 1 3200lm 19W	STEP 2 4000lm 24W	STEP 3 4700lm 29W	STEP 4 5500lm 34W

BS100 LED Regolabile non-SELV M 1280

Order code	Description	Colour temperature K	Colour rendering	Power consumption Max W	Luminous efficiency lm/W	Packaging sing/multi	Fixture Flux max lm
40004H	BS100 LED REGOLABILE HV M1280 4K	4000	>80	51	157	1	8000
				STEP 1 5000lm 28W	STEP 2 6000lm 35W	STEP 3 7000lm 43W	STEP 4 8000lm 51W

BS100 LED Regolabile non-SELV L 1580

Order code	Description	Colour temperature K	Colour rendering	Power consumption Max W	Luminous efficiency lm/W	Packaging sing/multi	Fixture Flux max lm
40005H	BS100 LED REGOLABILE HV L1580 4K	4000	>80	63	159	1	10000
				STEP 1 6000lm 35W	STEP 2 7500lm 44W	STEP 3 8500lm 53W	STEP 4 10000lm 63W