

# BS 100

lighting

nuBe



IP65

IK05

850°

+40°C  
-20°C



Polycarbonate housing with best-in-class mechanical properties, luminous flux up to over 10,000 lm.



Available in Smart Driver version with Autodimmer sensor, managed from central control unit, or in adjustable RD system with possibility to switch between 4 steps of luminous flux.



Anti-glare screen for the control of the luminous flux. Specific version for places with particularly low ceilings such as car parks (Parking).



Polyurethane sealing gasket with technopolymer snap hooks.

## Applications

Industry, garages, gymnasiums, outdoor areas, HACCP areas

## Characteristics

### Power supply

**SD** Universal Multi Voltage 93÷265VAC 50÷60Hz, 176÷250VDC

**ED** 230VAC ± 10% 50/60Hz

**Power supply - MTBF at 25°C** 65,000 h

**Luminous flux retention at 25°C**

60,000 (L80B20)

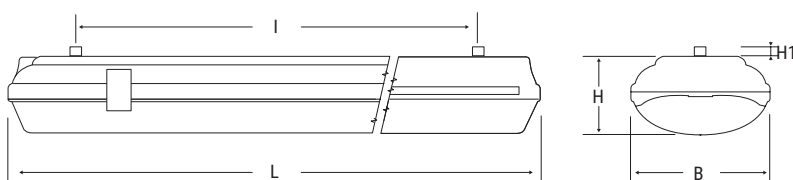
**Colour stability** 3 SDCM

**Mounting** Ceiling, suspended, electrified track

**Housing** Polycarbonate, RAL 7035

**Optics** Reflective white powder-coated steel

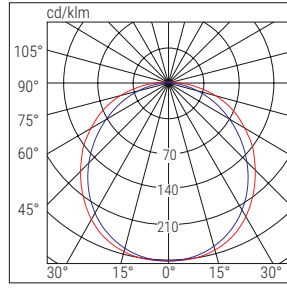
**Compliance** EN 60598-1, EN 60598-2-1, EN 60598-2-22, DIN 18032-3:1997-04, EN 62471 (Photobiological risk-free), 2014/53/EU



Size	Dimensions mm				
	L	B	H	H1	I
S	671	170	95	10	475
M	1280	170	95	10	660
L	1581	170	95	10	900

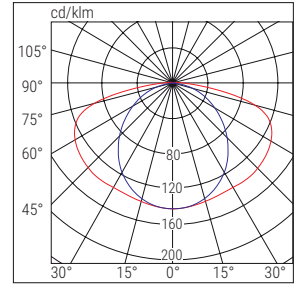
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## BS 100



■ C180-C270 ■ C90-C270

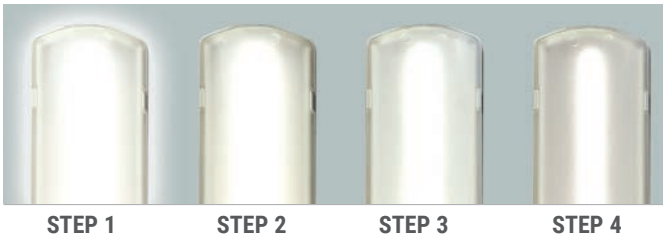
## BS 100 PARKING



■ C0-C180 ■ C90-C270

	Size	Order Code	Description	Power W	Colour temp. K	Chromatic yield	LED Flux lm (Tj=25°C)	Luminaire flux lm	Brightness efficiency m/W	Weight Kg	Notes and compliance
<b>SD</b>	S	<b>118SD</b>	BS100 LED 1X18 SD 4K	11	4000	>80	1900	1560	142	1.4	
	S	<b>218SD</b>	BS100 LED 2X18 SD 4K	22	4000	>80	3300	3000	136	1.4	
	M	<b>136SD</b>	BS100 LED 1X36 SD 4K	23	4000	>80	4000	3300	143	2.3	
	M	<b>236SD</b>	BS100 LED 2X36 SD 4K	46	4000	>80	7000	6100	133	2.3	
	L	<b>158SD</b>	BS100 LED 1X58 SD 4K	32	4000	>80	5000	4500	141	2.7	
	L	<b>258SD</b>	BS100 LED 2X58 SD 4K	64	4000	>80	9250	8350	130	2.7	
	L	<b>280SD</b>	BS100 LED 2X80 SD 4K	74	4000	>80	11000	9600	130	2.7	
	M	<b>236PSD</b>	BS100 LED PARKING 2X36 SD 4K	52	4000	>80	7750	6200	119	2.3	Parking
<b>RD</b>	S	<b>40003H</b>	BS100 LED ADJUSTABLE HV S670 4K	34	4000	>80	6300	5000	147	1.4	
	M	<b>40004H</b>	BS100 LED ADJUSTABLE HV M1280 4K	51	4000	>80	9100	8000	157	2.3	
	L	<b>40005H</b>	BS100 LED ADJUSTABLE HV L1580 4K	63	4000	>80	11400	10000	159	2.7	
<b>DALI</b>	<b>INTERFACING WITH ACCESSORY TO BE ORDERED SEPARATELY:</b> It is possible to create <b>DALI</b> luminaires by integrating the version <b>SD</b> with the accessory <b>Dali Module</b> Order Code <b>15024</b> Example: Order Code <b>118SD + 15024</b> = Luminaire <b>118SD</b> in the <b>DALI</b> version										

## RD VERSIONS, MANUALLY ADJUSTABLE FLUX/POWER AT 4 STEPS



Flux/Power	S			M			L		
	lm	W	lm/W	lm	W	lm/W	lm	W	lm/W
<b>STEP 1</b>	5000	34	147	8000	51	157	10000	63	159
<b>STEP 2</b>	4400	29	152	7000	43	163	8500	53	160
<b>STEP 3</b>	3850	24	160	6000	35	171	7500	44	170
<b>STEP 4</b>	3080	19	162	5000	28	179	6000	35	171

The lighting system must consider both the required level of lighting obtained from the lighting calculation and the power saving needs. BS100 LED Adjustable allows you to achieve this result thanks to its driver equipped with a 4-step current modulation switch that provides maximum luminous efficiency and, therefore, maximum power saving, while respecting the luminous flux determined in the design phase.


## SPECIAL VARIANTS - on request

COLOUR TEMPERATURE 3000K and 6000K - CHROMATIC YIELD >90 - MICROWAVE MOTION SENSOR

## ACCESSORIES - included




**CABLE GLAND M20**

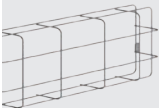


**SMART DIMMER LIGHT SENSOR**

Order Code **15039**




## ACCESSORIES - to be ordered separately




**PROTECTIVE GRILLE**

Order Code **3905** Vers. S - 685 x 182 x 110 mm  
Order Code **8063** Vers. M/L - 1700 x 291 x 135 mm



**STEEL HOOK KIT**


Order Code **3505** Vers. S - 4 pieces  
Order Code **3506** Vers. M - 8 pieces  
Order Code **3507** Vers. L - 10 pieces




**WALL-MOUNTED BRACKETS**

Order Code **3504**


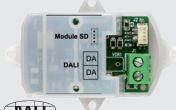
## BUILDING AUTOMATION - to be ordered separately




**LOGICA SD LGFM CONTROL UNIT**





Order Code **21102**

**DALI MODULE**


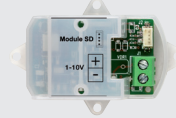


Order Code **15024**



**BUILDING AUTOMATION RADIO MODULE**

Order Code **15022**


**1-10V MODULE**

Order Code **15034**





**BUILDING AUTOMATION RADIO TRANSMITTER**

Order Code **20104**




## LED INVERTER EMERGENCY LUMINAIRE - to be ordered separately




**INVERTER PLUG&LIGHT SE/SA 1-3h 20-60V**

Order Code **19358** (1h)  
Order Code **19359** (3h)






**INVERTER GL AT/LG AR 15W 55V**

Order Code **19391** (LiFe battery)


**INVERTER AT/LG AR 9W 55V**

Order Code **19355L** (LiFe battery)

**LGFM EMERGENCY MODULE**  
For AT/LG series inverters only

Order Code **19375**



## LED INVERTER EMERGENCY LUMINAIRE - to be ordered separately (RD version only)



**INVERTER PLUG&LIGHT SE/SA 1-3h 60-180V**

Cod. Ord. **19367** (1h)  
Cod. Ord. **19371** (3h)

