

BS 100

lighting



IP65

IK05

850°

+40°C
-20°C



Polycarbonate housing with best-in-class mechanical properties, luminous flux up to over 9,600 lm.



Power supply system adjustable in 4 luminous flux steps to adapt the product to all requirements.



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)

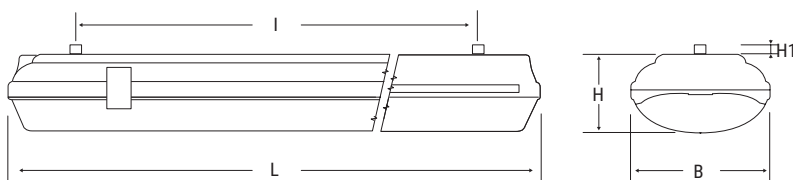
Colour stability 3 SDCM

Mounting Ceiling, suspended, electrified track

Housing Polycarbonate, RAL 7035

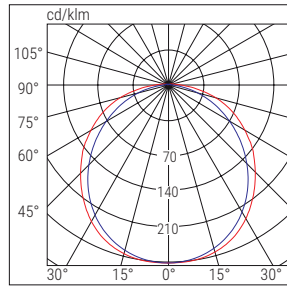
Optics Reflective white powder-coated steel

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



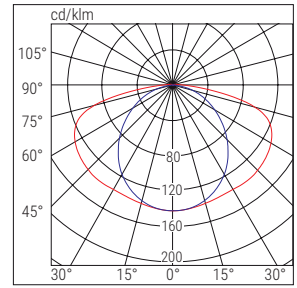
Size	Dimensions mm				
	L	B	H	H1	I
S	671	170	95	10	475
M	1280	170	95	10	660
L	1581	170	95	10	900

BS 100



■ C180-C270 ■ C90-C270

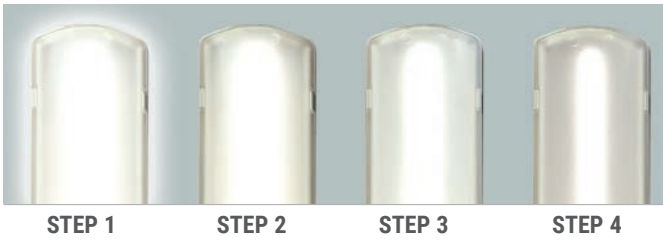
BS 100 PARKING



■ 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	Packaging Single/Multi pack	Notes and compliance
SD	S	118SD	BS100 LED 1X18 SD 4K	11	4000	>80	1900	1560	142	1.4	1	
	S	218SD	BS100 LED 2X18 SD 4K	22	4000	>80	3300	3000	136	1.4	1	
	M	136SD	BS100 LED 1X36 SD 4K	23	4000	>80	4000	3300	143	2.3	1	
	M	236SD	BS100 LED 2X36 SD 4K	46	4000	>80	7000	6100	133	2.3	1	
	L	158SD	BS100 LED 1X58 SD 4K	32	4000	>80	5000	4500	141	2.7	1	
	L	258SD	BS100 LED 2X58 SD 4K	64	4000	>80	9250	8350	130	2.7	1	
	L	280SD	BS100 LED 2X80 SD 4K	74	4000	>80	11000	9600	130	2.7	1	
M	236PSD	BS100 LED PARKING 2X36 SD 4K	52	4000	>80	7750	6200	119	2.3	1	Parking	
RD	S	40003	BS100 LED ADJUSTABLE S670 4K	41	4000	>80	6650	5500	134	1.4	1	
	M	40004	BS100 LED ADJUSTABLE M1280 4K	53	4000	>80	8100	7000	132	2.3	1	
	L	40005	BS100 LED ADJUSTABLE L1580 4K	59	4000	>80	9150	8000	136	2.7	1	
DALI	INTERFACING WITH ACCESSORY TO BE ORDERED SEPARATELY: It is possible to create DALI luminaires by integrating the version SD with the accessory Dali Module Order Code 15024 Example: Order Code 118SD + 15024 = Luminaire 118SD in the DALI 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
STEP 1	5500	41	134	7000	53	132	8000	59	136
STEP 2	5000	36	139	6500	47	138	7500	53	142
STEP 3	4500	32	141	6000	44	136	7000	50	140
STEP 4	3500	25	140	5500	39	141	6500	45	144

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.

BS 100

lighting


SPECIAL VARIANTS - on request

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

ACCESSORIES - included




CABLE GLAND M20

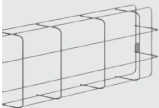


SMART DIMMER LIGHT SENSOR

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

Installation note
When installing grilles with the luminaire installed on a bus bar, use: Bracket **8063/1** for the M version - Bracket **8063/2** for the L version



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



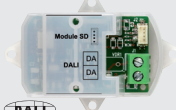
Order Code **3504**

BUILDING AUTOMATION - to be ordered separately






LOGICA SD LGFM CONTROL UNIT

Order Code **21102**


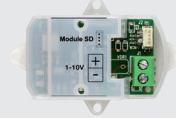
DALI MODULE

Order Code **15024**



BUILDING AUTOMATION RADIO MODULE

Order Code **15022**


1-10V MODULE

Order Code **15034**





BUILDING AUTOMATION RADIO TRANSMITTER

Order Code **20104**




EMERGENCY LED INVERTERS - 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)
Order Code **19390** (LTO battery)

INVERTER AT/LG AR 9W 55V

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

LGFM EMERGENCY MODULE
For AT/LG series inverters only

Order Code **19375**

