



GENERAL CHARACTERISTICS

- Equivalent Power*** 4x 55 W, 6x 55 W a 2x 55 W (version Parking)
- Power supply** **SD Version:** Universal Multi Voltage 93–265 V_{AC} 50/60 Hz 176–250 V_{DC}
ED Version: 230 V_{AC} ±10 % 50 Hz
- Standard** EN 60598-1, EN 60598-2-1, EN 60598-2-22 (fundamental requirements), EN 62471 (Photobiological hazard)
- Protection grade** IP66
- Working temp.** **SD Version:** -20 ÷ +50 °C (****)
ED Version: -20 ÷ +40 °C
- Mounting** ceiling, suspension, busbar trunking
- Housing** Polyester powder coated die-cast aluminium RAL 7040 grey
- Bayonet bracket** Die-cast aluminium
- Optic** Wide anti-glare aluminium
- Screen** Polycarbonate 3mm
- Driver** **SD Version:** SELV electronic SD (cos φ ≥ 0.96) with intelligent dimming
ED Version: SELV electronic ED (cos φ ≥ 0.95)
- MTFB Control gear**** 80 000 h
- Luminous flux maintenance**** >70 000 h (L80B20)
- Colour deviation** 3 SDCM

* Equivalent power for comparison with fluorescent tube fixtures

** At environmental reference temperature of 25 °C

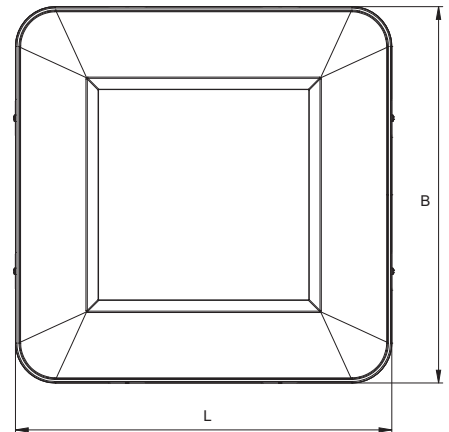
**** At highest working temperature thermal protection may reduce the output power.

BS240 LED

Industrial LED luminaire

Die-casting aluminium body and 3mm toughened polycarbonate diffuser to grant a high level of strength and durability from impact in installation such as sports halls, or industries or commercial areas. Its bayonet bracket allows a simple and fast installation thus granting stability and durability of the fixing system.

The Parking version provides a wide light beam to illuminate areas where the ceiling is low such as parking areas or basements. This optic is in fact designed to deliver optimal, uniform and efficient illumination allowing to considerably reducing the number of installed luminaires.



| Power* W | • Dimensions (mm) • | | | Weight max. kg |
|-------------|---------------------|-----|----|-------------------|
| | L | H | I | |
| 4x 55 | 443 | 443 | 85 | 5.5 |
| 6x 55 | 443 | 443 | 85 | 5.5 |
| 2x 55 | 443 | 443 | 85 | 5.0 |

Accessories

supplied

| Order code | Description |
|------------|---------------------------|
| - | CEILING BRACKET |
| - | SUSPENSION KIT (eyebolts) |

Accessories

to be ordered separately

| Order code | Description |
|------------|-------------------------|
| 12665 | BUSBAR TRUNKING BRACKET |

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

Accessories **SD**

supplied

| Order code | Description |
|------------|---------------------|
| 15039 | OPTICOM PHOTOSENSOR |

Building automation **SD**

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 |

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

CEILING BRACKET



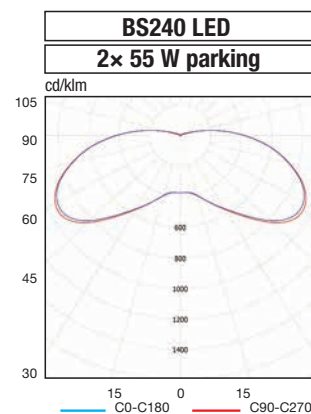
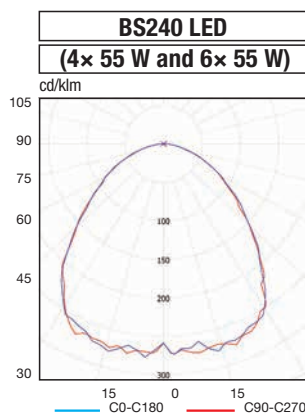
CEILING BRACKET

supplied

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 BS240 LED:

Dimming SD 50 %
Device duration +40 %
Luminous efficiency +10 %



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 |
| 19364 | INV LED IP65 AT/LG 123H (addressable) | to be ordered separately |
| 19365 | INV LED IP65 LGFM 123H (addressable) | to be ordered separately |

BS240 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 |
|----------|-----------------|-----------------------------|-------------|----------------|------------------|--------------------------|--------|---------------------------|--------------------|------|--------------|-----------|
| 4x 55 | 11288SD | BS240 LED 455 SD 4000K | 90 | 4 000 | >80 | 100 | 240 | 15 500 | 13 300 | 133 | A++ | 1 |
| 6x 55 | 11289SD | BS240 LED 655 SD 4000K | 135 | 4 000 | >80 | 150 | 360 | 23 300 | 20 000 | 133 | A++ | 1 |
| 2x 55 | 11288PSD | BS240 LED 255 PARK SD 4000K | 45 | 4 000 | >80 | 50 | 192 | 7 800 | 6 650 | 133 | A++ | 1 |

BS240 LED

Eco Driver **ED**

| 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 |
|----------|-----------------|-----------------------------|-------------|----------------|------------------|--------------------------|--------|---------------------------|--------------------|------|--------------|-----------|
| 4x 55 | 11288ED | BS240 LED 455 ED 4000K | 90 | 4 000 | >80 | 100 | 240 | 15 500 | 13 300 | 133 | A++ | 1 |
| 6x 55 | 11289ED | BS240 LED 655 ED 4000K | 135 | 4 000 | >80 | 150 | 360 | 23 300 | 20 000 | 133 | A++ | 1 |
| 2x 55 | 11288PED | BS240 LED 255 PARK ED 4000K | 45 | 4 000 | >80 | 36 | 192 | 7 800 | 6 650 | 133 | A++ | 1 |