

Canes LED

Ceiling, suspension

Canes LED is a LED luminaire designed for separate ceiling and suspended mounting. Housing is made of a steel sheet finished with powder technology varnishing, white colour RAL 9003 with highly polished parabolic louvre. The luminaire is suitable for offices, corridors and stairways, shops, lecture halls. Available with an emergency LED inverter for emergency usage.

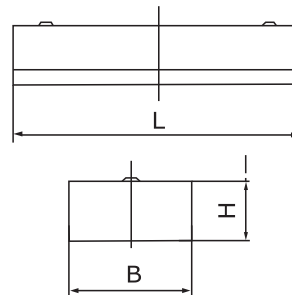


GENERAL CHARACTERISTICS

- Equivalent Power*** 2x 36, 2x 58 W
- Power supply** **SD Version:** 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 require-
ments), EN 62471 (photobiological
hazard)
- Protection grade** IP20
- Working temp.** -20 °C ÷ +40 °C
- Mounting** separate mounting on a ceiling or
suspension
- Body** steel sheet finished with powder
technology varnishing, white colour
RAL 9003
- Driver** **SD Version:** SmartDriver (cos φ ≥ 0.96)
ED Version: Eco Driver (cos φ ≥ 0.95)
- MTFB control gear**** 65 000 h
- Luminous flux maintenance**** >60 000 h (L80B20)
- Colour deviation** 3 SDCM

* Equivalent power for comparison with fluorescent tube fixtures

** At environmental reference temperature of 25 °C



| W | • Dimensions (mm) • | | | Weight kg |
|-------|---------------------|-----|----|--------------|
| | L | B | H | |
| 2x 36 | 934 | 225 | 45 | 2.8 |
| 2x 58 | 934 | 225 | 45 | 2.8 |

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 Canes LED:

| | |
|----------------------------|--------------|
| Dimming SD | 50 % |
| Device duration | +40 % |
| Luminous efficiency | +15 % |

Accessories

supplied

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

Building automation

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 |

Accessories

to be ordered separately

| Order code | Description |
|---------------|---|
| 99-080/120/ES | WIRE PENDANT WITHOUT POWER CABLE (120 cm) |
| 90-081/120/ES | WIRE PENDANT WITH 3x 1.5 mm ² POWER CABLE (120 cm) |
| 90-082/120/ES | WIRE PENDANT WITH 5x 1.5 mm ² POWER CABLE (120 cm) |

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

DOMOTIC RADIO MODULE**1÷10V MODULE****DALI MODULE****PLUG&LIGHT MODULE**

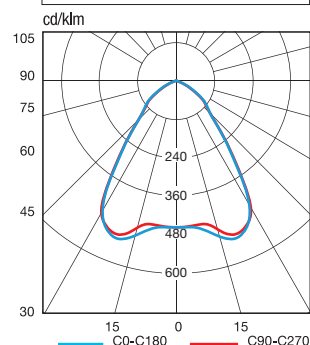
OPTIONAL MODULES TO EXTEND BEGHELLI SD TO RADIO CONTROL OR DALI / 1-10V SYSTEMS AND EMERGENCY

**INTELLIGENT PHOTOSENSOR****1.** Autodimmer Natural Light**2.** Autodimmer Dynamic Light**3.** **opticom** TECHNOLOGY

Smartphone Interface to control and set up system



CEILING AND SUSPENDED

**DARK LIGHT OPTIC****Polar Diagram**

| INVERTER | 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 | | |
| | 19355 | INV LED AT/LG 6W 55V 123H | to be ordered separately | | |
| 19356 | INV LED LGFM 6W 55V 123H | to be ordered separately | | | |

Canes 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 |
|----------|---------------------|---------------------------|-------------|----------------|------------------|--------------------------|--------|---------------------------|--------------------|------|--------------|-----------|
| 2× 36 | A39-10148CSD | CEILING LED 2x36 SD 4000K | 31 | 4 000 | >80 | 36 | 140 | 4 800 | 4 000 | 111 | A+ | 1 |
| 2× 58 | A39-10149CSD | CEILING LED 2x58 SD 4000K | 42 | 4 000 | >80 | 47 | 140 | 6 160 | 5 100 | 109 | A+ | 1 |

Canes 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 |
|----------|-------------------|------------------------|-------------|----------------|------------------|--------------------------|--------|---------------------------|--------------------|------|--------------|-----------|
| 2× 36 | A39-10148C | CEILING LED 2x36 4000K | 34 | 4 000 | >80 | 39 | 140 | 5 640 | 4 700 | 120 | A+ | 1 |
| 2× 58 | A39-10149C | CEILING LED 2x58 4000K | 46 | 4 000 | >80 | 52 | 140 | 7 200 | 6 000 | 115 | A+ | 1 |