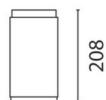


Last information update: May 2018

**Ceiling-mounting LED warm white - spot optic****Product code**

BC06

Technical description

Lighting system with down-light emission designed to use monochromatic Warm White (3100K) LEDs with spot adjustable optic ($\pm 15^\circ$ around vertical axis and 180° around horizontal plane). Optical assembly, ceiling base and frame made of diecast aluminium alloy, with acrylic liquid paint treatment with high resistance to atmospheric agents and UV rays; tempered transparent sodium calcium closing glass, 4 mm thick, siliconed to frame. Provided with fast-coupling closing system between frame, optical assembly and ceiling base, without the use of tools. Internal silicone watertight gaskets. Complete with circuit with 6 monochromatic Warm White (3100K) power LEDs, Spot (S) optics with plastic lens, and built-in electronic ballast. Double black polyamide PG11 cable clamp for through wiring (suitable for cables with 6.5-11mm diameter). Three-pole terminal board designed for through earth wire. Connection between terminal board and control gear via cables with fast-coupling connectors. Various accessories available: refractor for elliptical distribution and chromatic filters. All external screws are made of stainless steel A2.

Installation

Ceiling installation with down-light luminous emission.

Dimension (mm)

Ø109x208

Colour

Grey (15)

Weight (Kg)

1.6

Mounting

ceiling surface

Wiring

Control gear with 220÷240Vac 50/60Hz electronic ballast.

Notes

Insulation class II, available with Insulation Class I (on demand). Spare parts for LED circuit and electronic control gear available for extraordinary maintenance. Anti-theft fastening system with torx screws between upper base and optical assembly on demand.

Complies with EN60598-1 and pertinent regulations

**Product configuration: BC06****Product characteristics**

Total lighting output [Lm]: 244
Total power [W]: 7
Luminous efficacy [Lm/W]: 34.9
Life Time: 50,000h - L70 - B20 (Ta 25°C)
Number of optical assemblies: 1

Total luminous flux at or above an angle of 90° [Lm]: 0
Emergency luminous flux [Lm]: /
Voltage [V]: -
Ambient temperature range: from -20°C to $+35^\circ\text{C}$.

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 72
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 4.9
Nominal luminous [Lm]: 338
Lamp maximum intensity [cd]: /
Beam angle $[\circ]$: 6°

Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 2.1
Colour temperature [K]: 3200
CRI: 80
Wavelength [nm]: /
MacAdam Step: 3

