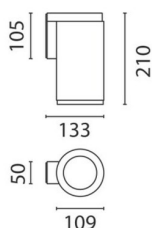


Last information update: May 2018

**Down light wall-mounting LED neutral white - spot optic****Product code**

BC12

Technical description

Lighting system with down-light emission designed to use monochromatic Neutral White (4200K) LEDs with spot adjustable optic ($\pm 15^\circ$ around vertical axis and 180° around horizontal plane). Optical assembly, wall arm and frame made of diecast aluminium alloy, with acrylic liquid paint treatment with high resistance to atmospheric agents and UV rays; plastic cover for wall arm; tempered transparent sodium calcium closing glass, 4 mm thick, siliconed to frame. Provided with fast-coupling closing system between frame, optical assembly and wall arm, without the use of tools. Internal silicone watertight gaskets. Complete with circuit with 6 monochromatic Neutral White (4200K) 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

Wall installation with down-light luminous emission.

Dimension (mm)

$\varnothing 109 \times 210$

Colour

Grey (15)

Weight (Kg)

1.8

Mounting

wall arm|wall surface

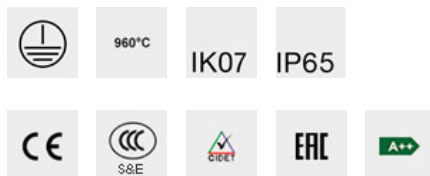
Wiring

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 wall arm and optical assembly on demand.

Complies with EN60598-1 and pertinent regulations

**Product configuration: BC12****Product characteristics**

Total lighting output [Lm]: 280.4
 Total power [W]: 7
 Luminous efficacy [Lm/W]: 40.1
 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]: 389
 Lamp maximum intensity [cd]: /
 Beam angle [$^\circ$]: 6°

Number of lamps for optical assembly: 1
 Socket: /
 Ballast losses [W]: 2.1
 Colour temperature [K]: 4200
 CRI: 75
 Wavelength [Nm]: /
 MacAdam Step: 4

Polar

