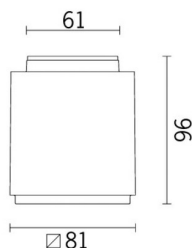
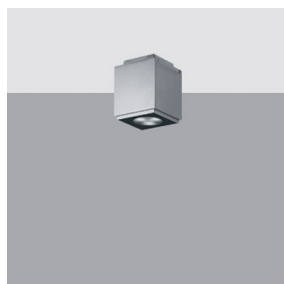


Last information update: June 2018

**Outdoor ceiling-mounted luminaire - Neutral white LED - with electronic ballast Vin=100-240V ac - Flood optic****Product code**

BK33

Technical description

Direct light outdoor ceiling-mounted luminaire, designed to use neutral white LED lamps, with flood optic. For ceiling-mounting using the special stainless steel plate. The luminaire consists of an optical assembly, upper cap and plate for fixing to the ceiling. The optical assembly and upper cap are made of die-cast aluminium alloy coated with liquid acrylic paint (grey finish) or textured liquid (white finish) with a high level of resistance to weather and UV rays. Transparent tempered sodium - calcium safety glass with customised grey serigraphy, 4 mm thick, joined to the optical assembly with silicone. Aisi 30 stainless steel ceiling plate. There is a polyamide PG11 double cable gland, suitable for power cables \varnothing 6.5-11 mm. For electric connection the product is equipped with a plastic box with three 2-pin quick-coupling terminals for cables with max. cross-section 4 mm². Electronic circuit with neutral white LED, optics with lens made of thermoplastic material (methacrylate) and a black polycarbonate multi-groove ring for visual comfort. Equipped with electronic ballast Vin=100-240V ac 50/60Hz. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN60598-1 standards and particular requirements.

Installation

For ceiling-mounting using the special stainless steel plate. Secure using screw anchors for concrete, cement and solid brick.

Dimension (mm)

81x81x96

Colour

White (01) | Grey (15)

Weight (Kg)

0.92

Mounting

ceiling surface

Wiring

Equipped with electronic ballast Vin=100-240V ac 50/60Hz. Polyamide PG11 double cable gland for pass-through wiring, suitable for power cables \varnothing 6.5-11 mm.

Notes

Product complete with LED lamp.

Complies with EN60598-1 and pertinent regulations

**Product configuration: BK33****Product characteristics**

Total lighting output [Lm]: 246
Total power [W]: 6.4
Luminous efficacy [Lm/W]: 38.4
Life Time: 100,000h - L80 - B10 (Ta 25°C)
Ambient temperature range: from -20°C to +35°C.

Total luminous flux at or above an angle of 90° [Lm]: 0
Emergency luminous flux [Lm]: /
Voltage [V]: -
Life Time: 66,000h - L80 - B10 (Ta 40°C)
Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 60
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 4.7
Nominal luminous [Lm]: 410
Lamp maximum intensity [cd]: /
Beam angle [°]: 34°

Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 1.7
Colour temperature [K]: 4000
CRI: 80
Wavelength [nm]: /
MacAdam Step: 3

Polar

