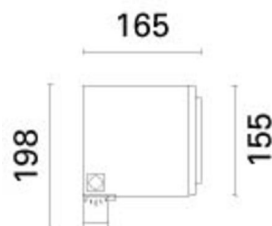


Last information update: May 2018

**Spot floodlight LED neutral white****Product code**

BD46

Technical description

Floodlight designed to use Neutral White (4.200 °K) LED lamps and lenses for spot distribution. The luminaire consists of an optical assembly/component-holding box and hidden fixing bracket. The optical assembly and front frame are made of die-cast aluminium alloy coated with liquid acrylic paint (colour: RAL 9007 grey) or textured liquid paint (colour: RAL 9016 white) with a high level of resistance to atmospheric agents and UV rays. The 5 mm thick transparent, tempered sodium – calcium safety glass is joined to the frame with silicone. The frame is fastened to the optical assembly by two M5 AISI 304 stainless steel captive screws and a galvanised steel safety cable. The optical assembly contains the circuit complete with 16 LEDs and relative plastic lenses. The component-holding box, in the rear of the luminaire, is set up to hold the control gear, which is fixed with captive screws on a galvanised steel pull-out plate. The control gear can be accessed through the rear door made of painted aluminium alloy, fixed to the product body with four M5 AISI 304 stainless steel captive screws and a safety cable. The luminaire is set up for pass-through wiring using two M24x1.5 nickel-plated brass cable clamps, suitable for the entry of cables with diameter between 7.0 and 16.0 mm. The connection between the mains and the control gear is made using a 3-pole terminal board with quick-coupling system. iPro can be angled relative to the horizontal plane (+95°/ -5°) using an extruded aluminium bracket on which the graduated scale (15° steps) is marked with serigraphy. The internal silicone seals guarantee watertightness IP66. Various accessories are available: visor, directional flaps, glass refractors, glass prismatic diffusers and coloured filters which can be applied in pairs. All external screws used are made of A2 stainless steel.

Installation

Wall-, ceiling- and ground-mounted using bracket and fisher (not included). Can be mounted on branches with belt accessory. Dimensions:

Dimension (mm)

155x155x165

Colour

White (01) | Grey (15)

Weight (Kg)

3.9

Mounting

wall surface|ground spike|ceiling surface|free standing

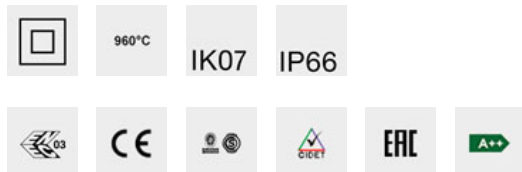
Wiring

Luminaire with electronic control gear (220 - 240V ac, 50/60 Hz).

Notes

IK 09 with protective grille accessory

Complies with EN60598-1 and pertinent regulations

**Product configuration: BD46****Product characteristics**

Total lighting output [Lm]: 1295.6
Total power [W]: 19
Luminous efficacy [Lm/W]: 68.2
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.) [%]: 79
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 16
Nominal luminous [Lm]: 1640
Lamp maximum intensity [cd]: /
Beam angle [°]: 8°

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

Polar

