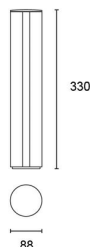


Pencil rotondo

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Circular bollard H=350mm, Warm White Leds, integrated electronic control gear, single emission, diffusing optic.

Product code
BN34

Technical description

Outdoor, direct light, pavement-mounted luminaire, designed to use Warm White LED lamps with a single emission, diffusing optic. The product consists of a body, an upper cover, a fixing base, a white screen and a watertight reglette containing the control gear and a led circuit. The cylindrical body is made of extruded aluminium with an upper cover and includes a die-cast aluminium lower base. The painting process includes a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The inside of the body houses two stainless steel rods fixed to the base that give the product a high level of impact resistance. The product is anchored to the ground by the fixing base made of corrosion-resistant low copper content die-cast aluminium alloy. The diffuser screen is made of opal white anti-UV polycarbonate. The body contains a watertight, satin-finish methacrylate, reglette luminaire, with plastic caps and captive stainless steel screws, a PG9 cable gland and a single output cable. The Warm White Led circuit and the electronic control gear are positioned inside the reglette luminaire. The upper cover is fixed to the body with stainless steel bolts. All accessible parts have a top temperature of 50°C. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and all special requirements.

Installation

The device can be applied directly to the pavement using the lower fixing base and screw anchors (Fisher type or similar) or using a fixing plate with Dakromet coated brackets, to further protect against corrosion (to be ordered separately). When installing the device a drainage pipe and a gravel base for drainage should be installed under the pavement and/or concrete to guarantee the required level of protection: for more information see the instruction sheet.

Dimension (mm)
Ø88x330

Colour
Grey (15)

Weight (Kg)
1.6

Mounting
ground surface|ground anchored

Wiring

The 20-240V ac control gear is housed inside the watertight reglette luminaire. Complete with rubber output cable H05RN-F 2x1mm². To make the electrical connections a separate junction well must be dug.

Notes

Product complete with LED lamp.

Complies with EN60598-1 and pertinent regulations



IK10

IP65



Product configuration: BN34

Product characteristics

Total lighting output [Lm]: 170
Total power [W]: 8.4
Luminous efficacy [Lm/W]: 20.2
Life Time: 66,000h - L70 - B10 (Ta 25°C)
Number of optical assemblies: 1

Total luminous flux at or above an angle of 90° [Lm]: 84.9
Emergency luminous flux [Lm]: /
Voltage [V]: -
Ambient temperature range: from -20°C to +35°C.

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 20
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 6.3
Nominal luminous [Lm]: 850
Lamp maximum intensity [cd]: /
Beam angle [°]: /

Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 2.1
Colour temperature [K]: 3000
CRI: 80
Wavelength [nm]: /
MacAdam Step: 3

Polar

