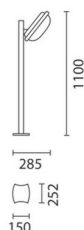


Last information update: May 2018



**Bollard for residential areas H=1100mm - single optical assembly - LEDs Warm White - with 200-240V ac electronic ballast - General light optic**

**Product code**  
BH55

#### Technical description

Post-mounted luminaire for lighting residential exteriors, designed to use LED lamps. The optical assembly consists of a diffuser screen made of patterned glass and internally painted, fixed on the polycarbonate supporting plate by means of a die-cast aluminium outer frame. Silicone (sulphur-free) seal interposed between screen and plate. Complete with multi-LED power circuit in Warm White 3100K fixed on anodised aluminium supporting plate. The compartment housing the LEDs has IP55 protection. Equipped with grey polyamide PG9 cable clamp suitable for cables with diameter D=7.5-9.5mm. The luminaire is fixed to the post using a special painted polycarbonate connecting arm. The post is made of extruded aluminium, the upper part closed by a die-cast aluminium cover with neoprene seal. The post is fixed to the ground using a special aluminium anchoring base. Treated with liquid acrylic paint with a high level of weather and UV ray resistance. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and particular requirements.

#### Installation

Fixed to the floor using a special aluminium base. Fixing plate with anchoring bolts for application in concrete to be ordered separately

**Dimension (mm)**  
275x150x1100

**Colour**  
Grey (15)

**Mounting**  
ground anchored

#### Wiring

Control gear complete with electronic ballast IP67, 200-240V ac  $\pm 10\%$ , 50/60Hz and double quick-coupling connector suitable for 2x4mm<sup>2</sup> cables.

#### Notes

Product complete with LED lamp.

Complies with EN60598-1 and pertinent regulations



#### Product configuration: BH55

#### Product characteristics

Total lighting output [Lm]: 479  
Total power [W]: 11  
Luminous efficacy [Lm/W]: 43.5  
Life Time: 100,000h - L80 - B10 (Ta 25°C)  
Number of optical assemblies: 1

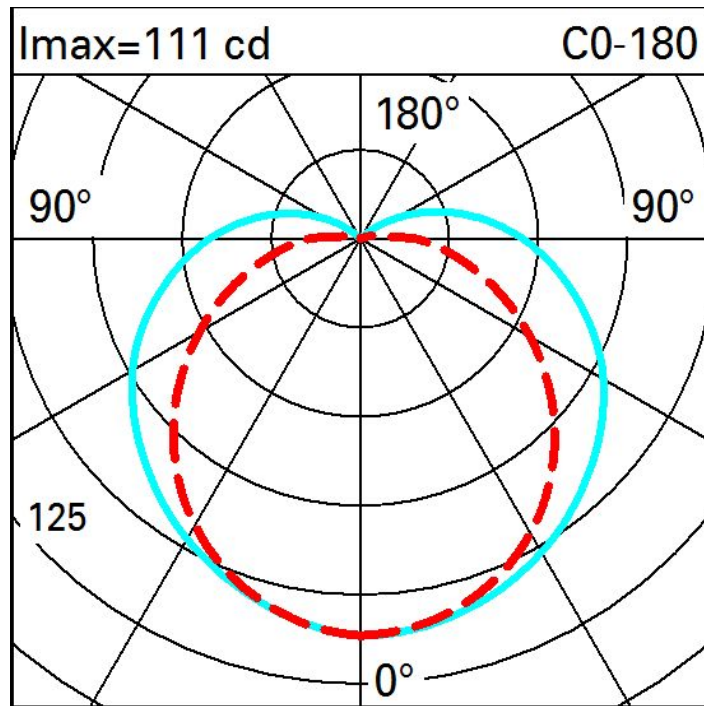
Total luminous flux at or above an angle of 90° [Lm]: 57  
Emergency luminous flux [Lm]: /  
Voltage [V]: -  
Ambient temperature range: from -20°C to +35°C.

#### Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 64  
Lamp code: LED  
ZVEI Code: LED  
Nominal power [W]: 8.7  
Nominal luminous [Lm]: 750  
Lamp maximum intensity [cd]: /  
Beam angle [°]: /

Number of lamps for optical assembly: 1  
Socket: /  
Ballast losses [W]: 2.3  
Colour temperature [K]: 3000  
CRI: 80  
Wavelength [nm]: /  
MacAdam Step: 3

Polar



Isolux

