

Last information update: May 2018

**Pole H=1005mm LED COB**

**Product code**  
E049

**Technical description**

Diffused light system, designed to use LED lamps. Consists of a component holding body and glass screen. Extruded aluminium outer cylinder, aluminium alloy component holding compartment and base section. The base for fixing to the ground is made of corrosion-resistant aluminium alloy with a low copper content. The 13-20 mm thick extra-clear sodium-calcium outer glass closing screen is joined with silicone to an aluminium alloy ring and an inner screen made of opal white methacrylate. The ring and glass screen assembly is fixed to the component holding compartment using hexagonal head captive screws. All aluminium parts are coated with liquid acrylic paint with a high level of weather and UV ray resistance. Version complete with cable L=2000mm. Ground/floor installation system uses a fixing plate with anchoring bolts and cylinder installation system complete with screws. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN60598-1 standards and particular requirements.

**Installation**

Ground/floor installation using screw anchors or using a cylindrical support made of ready-galvanised steel complete with threaded inserts and stainless steel screws.

**Dimension (mm)**

Ø100x1005

**Colour**

Grey (15)

**Weight (Kg)**

4.3

**Mounting**

ground surface

**Wiring**

Complies with EN60598-1 and pertinent regulations

**Product configuration: E049****Product characteristics**

Total lighting output [Lm]: 661.5  
Total power [W]: 14.4  
Luminous efficacy [Lm/W]: 45.9  
Life Time: 50,000h - L80 - B10 (Ta 25°C)  
Number of optical assemblies: 1

Total luminous flux at or above an angle of 90° [Lm]: 424.4  
Emergency luminous flux [Lm]: /  
Voltage [V]: -  
Ambient temperature range: from -20°C to +35°C. (\*)

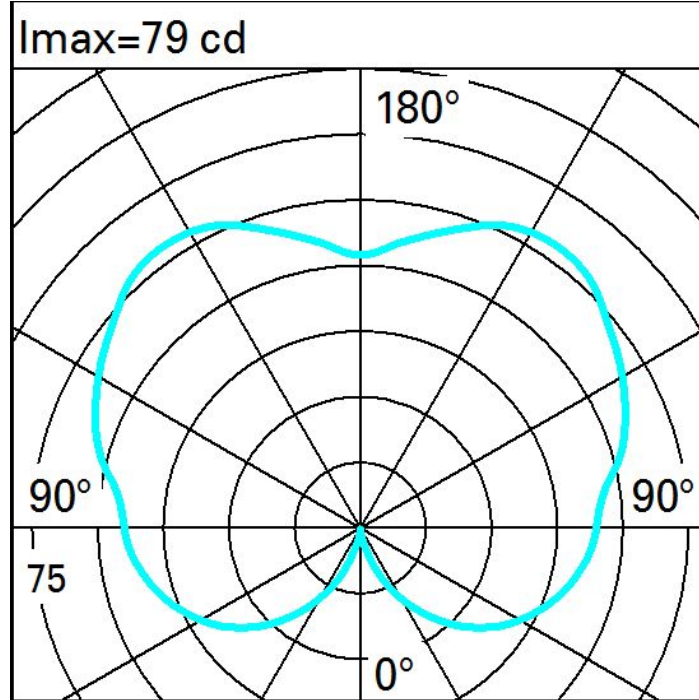
\* Preliminary data

**Optical assembly Characteristics Type 1**

Light Output Ratio (L.O.R.) [%]: 49  
Lamp code: LED  
ZVEI Code: LED  
Nominal power [W]: 10  
Nominal luminous [Lm]: 1350  
Lamp maximum intensity [cd]: /  
Beam angle [°]: /

Number of lamps for optical assembly: 1  
Socket: /  
Ballast losses [W]: 4.4  
Colour temperature [K]: 3000  
CRI: 80  
Wavelength [Nm]: /  
MacAdam Step: 3

Polar



Isolux

