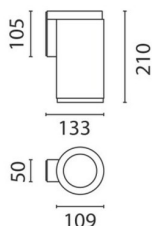


Last information update: May 2018

**Outdoor wall-mounted luminaire - neutral white LED - with integrated electronic ballast Vin=120-240V ac - Medium optic****Product code**

BI21

**Technical description**

Direct light outdoor wall-mounted luminaire, designed to use monochrome neutral white LED lamps, with fixed Medium optic. For wall-mounting with the special arm. Consists of an optical assembly, wall-mounting arm and glass-holding frame. The optical assembly, wall-mounting arm and frame are made of die-cast aluminium alloy coated with liquid acrylic paint with a high level of resistance to weather and UV rays, plus a painted plastic guard for the wall-mounting arm. The 4 mm thick transparent, tempered sodium - calcium glass is joined to the frame with silicone. The internal silicone seals guarantee watertightness. Tool-free quick-coupling closing system between frame, optical assembly and wall-mounting arm. Complete with circuit having monochrome neutral white LEDs and an optic with 99.93% polished super-pure aluminium reflector. A number of accessories are available: refractor for elliptical distribution, prismatic diffusing glass and coloured filters. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN60598-1 standards and particular requirements.

**Installation**

Wall-mounted with down-light emission. Secure using screw anchors for concrete, cement and solid brick.

**Dimension (mm)**

Ø109x210

**Colour**

Grey (15)

**Weight (Kg)**

1.74

**Mounting**

wall arm|wall surface

**Wiring**

Control gear complete with electronic ballast 120-240V ac 50/60Hz. Polyamide PG11 double cable gland for pass-through wiring, suitable for power cables ø 6.5-11 mm. Three-pin terminal block set up for pass-through earth wire. Cables with quick-coupling terminals connect the terminal block and the control gear.

**Notes**

Product complete with LED lamp

Complies with EN60598-1 and pertinent regulations

**Product configuration: BI21****Product characteristics**

Total lighting output [Lm]: 1255.4  
 Total power [W]: 16.8  
 Luminous efficacy [Lm/W]: 74.7  
 Life Time: 100,000h - L80 - B10 (Ta 25°C)  
 Number of optical assemblies: 1

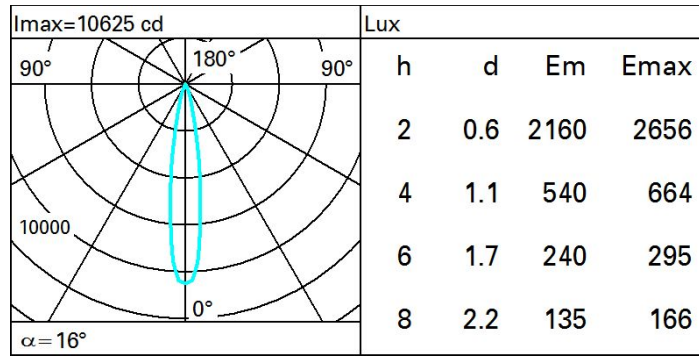
Total luminous flux at or above an angle of 90° [Lm]: 0  
 Emergency luminous flux [Lm]: /  
 Voltage [V]: -  
 Ambient temperature range: from -20°C to +35°C.

**Optical assembly Characteristics Type 1**

Light Output Ratio (L.O.R.) [%]: 72  
 Lamp code: LED  
 ZVEI Code: LED  
 Nominal power [W]: 12  
 Nominal luminous [Lm]: 1750  
 Lamp maximum intensity [cd]: /  
 Beam angle [°]: 16°

Number of lamps for optical assembly: 1  
 Socket: /  
 Ballast losses [W]: 4.8  
 Colour temperature [K]: 4000  
 CRI: 80  
 Wavelength [Nm]: /  
 MacAdam Step: 2

**Polar**



**Isolux**

