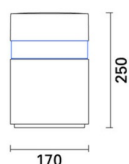


Last information update: June 2024

Product configuration: BG27

BG27: Monochrome LED luminaire with electronic control gear

**Product code**BG27: Monochrome LED luminaire with electronic control gear **Attention! Code no longer in production****Technical description**

Direct light outdoor luminaire which can be fixed to the ground, designed to use LED lamps with a 16x1,2W LED warm white circuit, with symmetrical optic. The product consists of the lamp assembly and the body. The cylindrical body is made of extruded aluminium and is treated by chromating and painting. The body houses the three stainless steel rods fixed to the base, giving the product a high level of impact strength. The product is anchored to the ground by the fixing base which is made of corrosion-resistant die-cast aluminium alloy with a low copper content. The polycarbonate diffuser screen is clamped to the component-holding box by a die-cast aluminium internal fixing ring. The aluminium plate lamp cover has holes for fitting accessories. The cover coupling ring is made of die-cast aluminium and is treated by chromating and painting. The top of the luminaire is closed by a die-cast aluminium outer cover, with bayonet closing and fixing grub screw. The screw can be removed using an Allen key (or a special key, upon request). The reflector is made of super-pure aluminium and is fixed to the inner top end cap using captive screws. The component-holding assembly is made of die-cast aluminium. All accessible parts reach a temperature not exceeding 75° C. All external screws used are made of A2 stainless steel.

Installation

Can be installed directly using Fischer fixings (on the ground), or using a fixing base and fixing plate with clamps coated in Dacromet, for an additional guarantee against corrosion (to be ordered separately).

Colour

Grey (15)

Mounting

ground anchored

Wiring

The luminaire contains the removable component-holding plate, fixed to the box using captive screws and electrical connections with quick uncoupling. Electronic control gear. Upon request, the wiring box is supplied with double PG cable gland for through wiring. Completing with projecting cable H05RN-F 2x1mm² L=600mm.

Complies with EN60598-1 and pertinent regulations

**Technical data**

lm system:	788	Colour temperature [K]:	3000
W system:	24.5	MacAdam Step:	3
lm source:	1750	Life Time LED 1:	66,000h - L80 - B10 (Ta 25°C)
W source:	21	Life Time LED 2:	66,000h - L80 - B10 (Ta 40°C)
Luminous efficiency (lm/W, real value):	32.1	Lamp code:	LED
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	111	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	45	Number of optical assemblies:	1
CRI (minimum):	80	Intervallo temperatura ambiente:	from -20°C to +35°C.

Imax=331 cd C45-225 $\gamma=86^\circ$

180°

90°

525

0°