

Last information update: November 2024

Product configuration: BG20

BG20: Monochrome LED luminaire with electronic control gear

**Product code**

BG20: Monochrome LED luminaire with electronic control gear

Technical description

External direct-light luminaire to be applied to the ground designed to use LED lamps with symmetrical optic. The product is made up of lamp compartment and body. The cylindrical body is made of extruded aluminium and subject to painting and chromate treatment. It houses three stainless-steel rods fixed to the base that make it highly shock-resistant. The product is anchored to the ground by means of a fixing base made of a corrosion-proof diecast aluminium alloy with low copper content. The polycarbonate diffuser screen is fixed to the component-holding box by a diecast-aluminium internal fixing ring. The sheet-aluminium lamp cover is designed to house accessories. The lid-hinging ring is made of diecast aluminium subject to painting and chromate treatment. The top of the fitting is closed by a diecast-aluminium external lid with bayonet-closing system and fixing bolt. The screw can be removed by a socket-head spanner (special spanner upon request). The superpure-aluminium reflector is fixed to the internal end cap by captive screws. The component-holding compartment is made of diecast aluminium. The temperature of all accessible parts never exceeds 75° C. All external screws are made of stainless steel A2.

Installation

Application either directly by fisher screws (floor) or by fixing bases and outer casing with Dakromet-coated bars against corrosion (to be ordered separately).

Colour

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

3.15

Mounting

ground anchored

Wiring

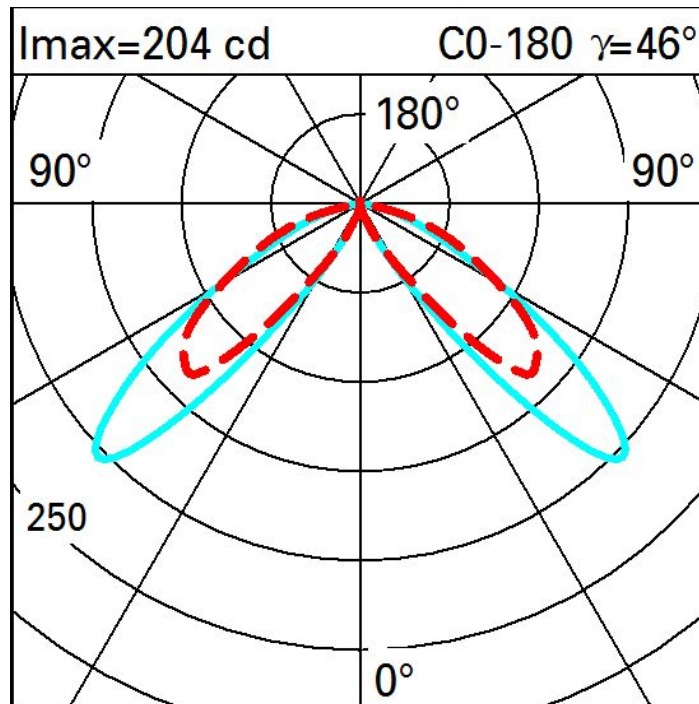
The fitting houses an extractable component-holding plate fixed to the box by captive screws and a fast electrical disconnection system. Electronic control gear. The control-gear box can be equipped with double PG for through wiring upon request. Completing with projecting cable H05RN-F 2x1mm²L=600mm.

Complies with EN60598-1 and pertinent regulations

**Technical data**

lm system:	387	MacAdam Step:	2
W system:	8.1	Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)
lm source:	730	Life Time LED 2:	100,000h - L90 - B10 (Ta 40°C)
W source:	6	Lamp code:	LED
Luminous efficiency (lm/W, real value):	47.8	Number of lamps for optical assembly:	1
lm in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	6	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	53	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	Power factor:	See installation instructions
Colour temperature [K]:	3000	Control:	On/off

Polar



Isolux

