

Last information update: November 2024

**Product configuration: BG22**

BG22: Bollard 90x90 mm H= 610mm Led with electronic ballast and symmetrical

**Product code**

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**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 square 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)**

3.85

**Mounting**

ground anchored

**Wiring**

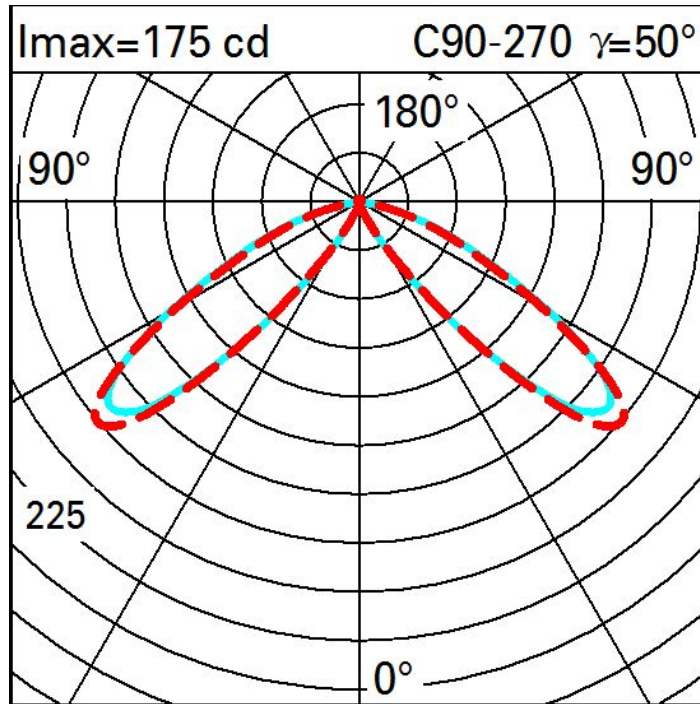
The fitting houses an extractable component-holding plate fixed to the box by captive screws and a fast electrical disconnection system. Electronic control gear. The control-gear box can be equipped with double PG for through wiring upon request. Completing with projecting cable H05RN-F 2x1mm<sup>2</sup> L=1600mm.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	350	Life Time LED 2:	100,000h - L90 - B10 (Ta 40°C)
W system:	8.1	Lamp code:	LED
Im source:	730	Number of lamps for optical assembly:	1
W source:	6	ZVEI Code:	LED
Luminous efficiency (Im/W, real value):	43.3	Number of optical assemblies:	1
Im in emergency mode:	-	Intervallo temperatura ambiente:	from -30°C to 50°C.
Total light flux at or above an angle of 90° [Lm]:	8	Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	48	Inrush current:	12 A / 270 µs
CRI (minimum):	80	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 22 luminaires B16A: 35 luminaires C10A: 36 luminaires C16A: 59 luminaires
Colour temperature [K]:	3000	Overvoltage protection:	10kV Common mode & 6kV Differential mode
MacAdam Step:	2	Control:	On/off
Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)		

Polar



Isolux

