

Last information update: May 2024

**Product configuration: BV17**

BV17: Floodlight with pole (H=1000mm) - Warm White - ST1 street optic

**Product code**BV17: Floodlight with pole (H=1000mm) - Warm White - ST1 street optic **Attention! Code no longer in production****Technical description**

Pole lighting system with high, visual comfort, downlight optic G4, designed for use with LED lamps and consisting of an extruded aluminium support, and an aluminium alloy fastening plate and cover. The optical assembly and the pole attachment system are made of EN1706AC 46100LF aluminium alloy and subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The painting stage consists of a primer and a liquid acrylic paint, cured at 150 °C, with a high level of weather and UV ray resistance. 4 mm thick, transparent, sodium-calcium tempered glass closure, joined to the frame with silicone. The frame is secured to the optical assembly with two AISI 304 stainless steel, captive screws and an AISI 303 stainless steel hinged pin with a 50 Shore silicone gasket between them. The device can be adjusted vertically by +45°/-60° and 337° horizontally with a mechanical locking mechanism for precision aiming. The body and frame include slots for rainwater drainage. The product consists of a die-cast aluminium alloy base fitted with a PG 11, EPDM, double cable gland for pass-through wiring. Patented Optismart optic system, complete with circuit fitted with Warm White monochrome LEDs and silver aluminium reflectors. Replaceable LEDs. Selv control gear, connected using quick-couplings and removed using clips. Replaceable control gear. There is no light dispersion into the upper hemisphere above this luminaire when it is in a horizontal position (in compliance with the strictest standards for the prevention of light pollution). All external screws are made of stainless steel.

**Installation**

Device can be mounted on pavements (concrete, solid brick and natural stone) using the accessory installation kit (art. 5596) or on the ground (with a concrete plinth) using a fixing plate with accessory anchors (art. B518).

**Colour**

Grey (15)

**Weight (Kg)**

5.33

**Mounting**

wall arm|wall surface|ground spike

**Wiring**

Luminaire with electromagnetic control gear fixed to the body by means of an aluminium plate and connected to the LED circuit with quick-couplings. Resistance to mains voltage peaks of up to 4KV (with varistor).

**Notes**

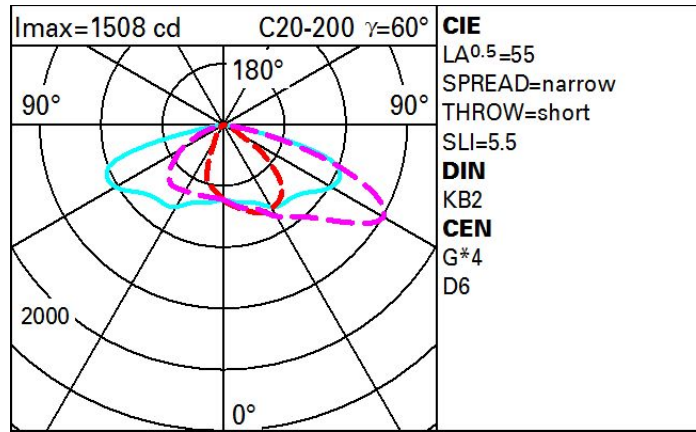
Fitting complete with lamp

Complies with EN60598-1 and pertinent regulations

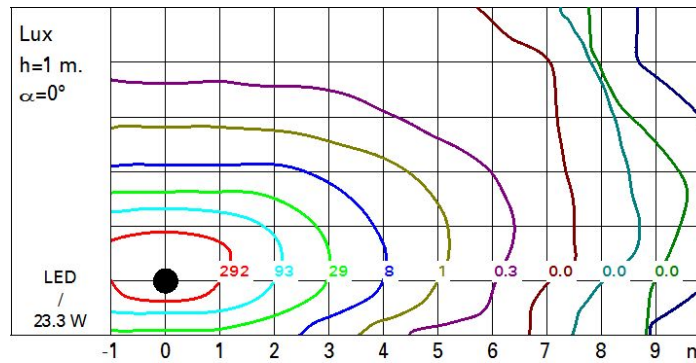
**Technical data**

Im system:	2470	Colour temperature [K]:	3000
W system:	23.3	MacAdam Step:	3
Im source:	-	Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)
W source:	-	Life Time LED 2:	100,000h - L90 - B10 (Ta 40°C)
Luminous efficiency (Im/W, real value):	106	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	100	Number of optical assemblies:	1
CRI (minimum):	70	Intervallo temperatura ambiente:	from -20°C to +35°C.

# Polar



# Isolux



# Utilisation factors

