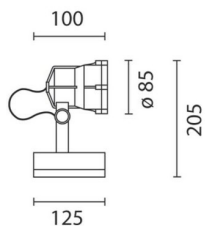


Last information update: May 2024

Product configuration: BU81

BU81: Spotlight with base - Warm White COB LED - Integrated electronic control gear - Flood optic

**Product code**BU81: Spotlight with base - Warm White COB LED - Integrated electronic control gear - Flood optic **Attention! Code no longer in production****Technical description**

Spotlight designed to use LED lamps and a flood optic. Consists of an optical assembly and a base. The optical assembly, arm, base and frame holder 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 next 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. The 4 mm thick, tempered, sodium-calcium, closing glass is colourless, transparent and secured with captive screws. The 50/60 Shore A silicone seal has been subject to post-cooling treatment, in an oven, for 4-6 hours at 200 °C. The optical assembly allows vertical and horizontal adjustments, with the possibility of locking the adjustment for aiming, and it has slots in the frame for rainwater drainage. Optic with a metalized-coated polycarbonate reflector. Complete with Warm White colour monochrome LED circuit. The cable gland for connecting the wiring assembly to the lamp assembly is made of nickel-plated brass M14x1. For the power supply, the device is fitted with a black polyamide PG11 cable gland, suitable for 6.5 to 11.5 mm cables. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN60598-1 standards and particular requirements.

Installation

The luminaire can be floor, ceiling or wall-mounted using either screw anchors for concrete, cement and solid brick or various other available accessories.

Colour

Black (04) | Grey (15)

Weight (Kg)

0.9

Mounting

wall arm|ground surface|wall surface|ground anchored|ground spike|ceiling surface

Wiring

Control gear complete with electronic ballast (220÷240Vac 50/60Hz)

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	553	Colour temperature [K]:	3000
W system:	10.2	MacAdam Step:	3
Im source:	790	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
W source:	8	Life Time LED 2:	50,000h - L80 - B10 (Ta 40°C)
Luminous efficiency (Im/W, real value):	54.2	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.) [%]:	70	Number of optical assemblies:	1
Beam angle [°]:	28°	Intervallo temperatura ambiente:	from -20°C to +35°C.
CRI:	80		

Polar

Imax=1862 cd		Lux			
90°	180°	90°	h	d	Em Emax
			2	1	369 466
			4	2	92 116
			6	3	41 52
			8	4	23 29
$\alpha = 28^\circ$					

Isolux

