iGuzzini

Last information update: June 2025

### Product configuration: BU85.15

BU85.15: Spotlight with base - Warm White COB LED - Integrated electronic control gear - Flood optic - 19.1W 1954.4lm - 3000K - Grey

165

ø 125



BU85.15: Spotlight with base - Warm White COB LED - Integrated electronic control gear - Flood optic - 19.1W 1954.4lm - 3000K - Grey

### Technical description

Product code

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. The optic has a 99.93% super-pure aluminium OPTIBEAM reflector with a polished surface treatment. Complete with Warm White colour monochrome LED circuit. The cable gland for connecting the wiring assembly to the lamp assembly is made of M11x1 stainless steel. 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.

# 230 230

### 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.

<b>Colour</b> Grey (15)	Weight (Kg) 2.1	
Mounting		

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

Wiring

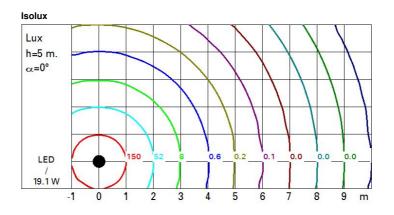
Control gear complete with electronic ballast (220÷240Vac 50/60Hz)



Technical data					
Im system:	1954	Colour temperature [K]:	3000		
W system:	19.1	MacAdam Step:	2		
Im source:	2610	Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)		
W source:	17	Life Time LED 2:	100,000h - L90 - B10 (Ta 40°C)		
Luminous efficiency (Im/W,	102.3	Lamp code:	LED		
real value):		Number of lamps for optical	1 1		
Im in emergency mode:	-	assembly:			
Total light flux at or above	0	ZVEI Code:	LED		
an angle of 90° [Lm]:		Number of optical	1		
Light Output Ratio (L.O.R.)	75	assemblies:			
[%]:		Intervallo temperatura	from -30°C to 50°C.		
Beam angle [°]:	28°	ambiente:			
CRI (minimum):	80	Power factor:	See installation instructions		
Rf (Colour Fidelity Index):	84	Overvoltage protection:	2kV Common mode & 1kV		
Rg (Gamut Index):	95		Differential mode		

### Polar

Imax=6687 cd	Lux			
90° 180° 90°	h	d	Em	Emax
	8	3.9	78	104
	16	7.7	20	26
7500	24	11.6	9	12
α=27°	32	<b>15</b> .5	5	7



## UGR diagram

Rifle	rt :										
ce il/c		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls work pl.		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room dim		ENTER:		viewed			1232033		viewed		
x	У		0	crosswis	e				endwise		
2H	2H	6.1	6.7	6.4	6.9	7.1	6.1	6.7	6.4	6.9	7.1
	ЗH	6.1	6.6	6.4	6.8	7.1	6.0	6.5	6.3	6.8	7.1
	4H	6.0	6.5	6.4	6.8	7.1	6.0	6.4	6.3	6.7	7.0
	бH	6.0	6.4	6.3	6.7	7.1	5.9	6.3	6.2	6.6	7.0
	BH	6.0	6.4	6.3	6.7	7.0	5.9	6.3	6.2	6.6	6.9
	12H	5.9	6.3	6.3	6.7	7.0	5.8	6.2	6.2	6.6	6.9
4H	2H	6.0	6.4	6.3	6.7	7.0	6.0	6.5	6.4	6.8	7.
	ЗH	5.9	6.3	6.3	6.7	7.0	6.0	6.4	6.3	6.7	7.0
	4H	5.9	6.2	6.3	6.6	7.0	5.9	6.2	6.3	6.6	7.0
	6H	5.9	6.2	6.3	6.6	7.0	5.8	6.1	6.3	6.5	7.0
	BH	5.8	6.1	6.3	6.5	7.0	5.8	6.1	6.2	6.5	6.9
	12H	5.8	6.0	6.3	6.5	6.9	5.8	6.0	6.2	6.4	6.9
вн	4H	5.8	6.1	6.2	6.5	6.9	5.8	6.1	6.3	6.5	7.0
	6H	5.8	6.0	6.2	6.5	6.9	5.8	6.0	6.2	6.5	6.9
	BH	5.7	5.9	6.2	6.4	6.9	5.7	5.9	6.2	6.4	6.9
	12H	5.7	5.9	6.2	6.4	6.9	5.7	5.9	6.2	6.4	6.9
12H	4H	5.8	6.0	6.2	6.4	6.9	5.8	6.0	6.3	6.5	6.9
	бH	5.7	5.9	6.2	6.4	6.9	5.7	5.9	6.2	6.4	6.9
	8H	5.7	5.9	6.2	6.4	6.9	5.7	5.9	6.2	6.4	6.9
Varia	itions wi	th the ol	oserver p	osition	at spacir	ng:					
S =	1.0H	5.9 / -6.2					5.9 / -6.2				
	1.5H	8.6 / -6.9					8.6 / -6.9				