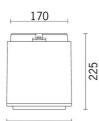
iGuzzini

Last information update: May 2024

Product configuration: BX31

BX31: Outdoor ceiling-mounted luminaire - Warm White COB Led - integrated dimm. ballast 1-10V(120÷240Vac) - 30° Flood optic



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BX31: Outdoor ceiling-mounted luminaire - Warm White COB Led - integrated dimm. ballast 1-10V(120÷240Vac) - 30° Flood optic Attention! Code no longer in production

Technical description

Product code

Ceiling-mounted luminaire designed to use Warm White COB LED lamps with a Flood optic. The luminaire consists of an optical assembly/component-holding box and base for ceiling-mounting. The optical assembly, front frame, rear door and celing-mount base are made of die-cast aluminium alloy painted with a smooth finish (grey RAL 9007) or a textured finish (white RAL 9016). The painting process includes 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°, with a high level of weather and UV ray resistance. The tempered sodium-calcium glass cover has customised serigraphy, is 4mm thick, and joined to the frame with silicone. The frame is fastened to the optical assembly by two M5 AISI 304 stainless steel captive screws and a steel safety cable. The product comes complete with a neutral white colour, monochrome COB LED circuit, an optic with a 99.93% pure aluminium OPTIBEAM reflector with a polished, anodized surface and built-in electronic ballast. The component-holding box, in the rear of the luminaire, is set up to hold the control gear, which is fixed with captive screws on a galvanised steel pull-out plate. The control gear can be accessed via the ceiling-mounting base with guickconnecting system and the rear door made of painted aluminium alloy, fixed to the product body with four M5 AISI 304 stainless steel captive screws. A galvanised steel safety cable secures the upper base to the product. The internal silicone seals guarantee watertightness IP66h Set up for pass-through wiring using PG 13.5 polyamide cable glands, designed for cables with diameters between 8.5+12.5 mm. The connection to the mains is made using a 3-pole terminal block with a quick-coupling system. Cables with quick-coupling terminals connect the terminal block and the control gear. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN60598-1 standards and particular requirements.

Installation

Ceiling-mounted using the special base. Secure using screw anchors for concrete, cement and solid brick.

Colour White (01) | Grey (15)

Mounting ceiling surface|free standing

Wiring

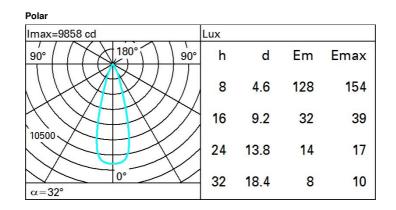
Control gear complete with dimmable electronic ballast 1-10V (120 ÷240V ac 50/60Hz).

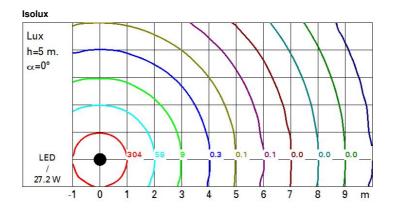
Notes

Product complete with LED lamp. IK09 with protective grille.

Complies with EN60598-1										nd pertine	nt regulations
	960°C	IK07	IP66	C€	(Ka	8	ERC	NOM-[3]	Ŵ	©	

Technical data					
Im system:	3034	Colour temperature [K]:	3000		
W system:	27.2	MacAdam Step:	2		
Im source:	3800	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)		
W source:	24	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)		
Luminous efficiency (Im/W,	111.5	Lamp code:	LED		
real value):		Number of lamps for optical	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.)	80	assemblies:			
[%]:		Intervallo temperatura	from -20°C to +35°C.		
Beam angle [°]:	angle [°]: 32°				
CRI (minimum):	80	Control:	1-10V		





UGR diagram

Rifle	ct.:											
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		8323600		viewed			10.3334.035		viewed			
x	У	crosswise					endwise					
2H	2H	-0.1	2.0	0.3	2.4	2.7	-0.1	2.0	0.3	2.4	2.7	
	ЗH	-0.2	1.5	0.1	1.8	2.1	-0.2	1.5	0.1	1.8	2.1	
	4H	-0.3	1.2	0.1	1.5	1.8	-0.3	1.1	0.1	1.5	1.8	
	6H	-0.3	8.0	0.1	1.2	1.5	-0.4	8.0	0.0	1.1	1.5	
	BH	-0.4	0.7	0.0	1.1	1.5	-0.4	0.7	0.0	1.1	1.4	
	12H	-0.4	0.7	0.0	1.0	1.4	-0.4	0.6	-0.0	1.0	1.4	
4H	2H	-0.3	1.1	0.1	1.5	1.8	-0.3	1.2	0.1	1.5	1.8	
	ЗH	-0.4	0.7	0.0	1.0	1.4	-0.4	0.7	0.0	1.0	1.4	
	4H	-0.5	0.5	-0.0	0.9	1.3	-0.5	0.5	-0.0	0.9	1.3	
	6H	8.0-	0.9	-0.3	1.3	1.8	-0.8	8.0	-0.3	1.3	1.8	
	BH	-0.9	0.9	-0.4	1.4	1.9	-1.0	0.9	-0.5	1.4	1.9	
	12H	-1.0	0.9	-0.5	1.4	1.9	-1.1	0.9	-0.6	1.4	1.9	
вн	4H	-1.0	0.9	-0.5	1.4	1.9	- 0.9	0.9	-0.4	1.4	1.9	
	6H	-1.1	8.0	-0.5	1.3	1.8	-1.1	8.0	-0.5	1.3	1.8	
	BH	-1.1	0.6	-0.6	1.1	1.6	-1.1	0.6	-0.6	1.1	1.6	
	12H	-0.9	0.2	-0.4	0.7	1.2	-0.9	0.2	-0.4	0.7	1.2	
12H	4H	-1.1	0.9	-0.6	1.4	1.9	-1.0	0.9	-0.5	1.4	1.9	
	бH	-1.1	0.6	-0.6	1.1	1.6	-1.1	0.6	-0.6	1.1	1.0	
	H8	-0.9	0.2	-0.4	0.7	1.2	-0.9	0.2	-0.4	0.7	1.2	
Varia	tions wi	th the ol	oserverp	osition	at spacir	ng:						
S =	1.0H		6	8- / 6.	2			6	.6 / -8.	.2		
	1.5H		9	.4 / -9	.4			9	.4 / -9.	4		