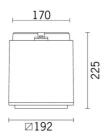
iGuzzini

Last information update: May 2024

Product configuration: BX32

BX32: Outdoor ceiling-mounted luminaire - Neutral White COB Led - integrated dimm. ballast DALI - 30° Flood Optic





Product code

BX32: Outdoor ceiling-mounted luminaire - Neutral White COB Led - integrated dimm. ballast DALI - 30° Flood Optic Attention! Code no longer in production

Technical description

Ceiling-mounted luminaire designed to use Neutral 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 quickconnecting 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.

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

Colour Weight (Kg) White (01) | Grey (15) 6.5

Mounting

ceiling surface|free standing

Wiring

Control gear complete with DALI dimmable electronic ballast (120÷240V ac 50/60Hz) and quick-coupling terminals.

Notes

Dimming function with pushbutton (DIM PUSH): for this operation consult the instructions included in the package.

Complies with EN60598-1 and pertinent regulations























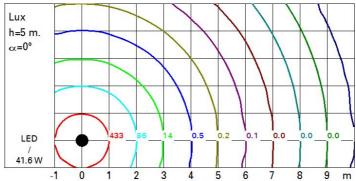


Technical data			
Im system:	4390	Colour temperature [K]:	4000
W system:	41.6	MacAdam Step:	2
Im source:	5500	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
W source:	35	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
Luminous efficiency (lm/W,	105.5	Lamp code:	LED
real value):		Number of lamps for 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.)		assemblies:	
[%]:		Intervallo temperatura	from -20°C to +35°C.
Beam angle [°]:	32°	ambiente:	
CRI (minimum):	80	Control:	DALI

Polar

Imax=14316 cd	Lux			
90° 180° 90°	h	d	Em	Emax
	8	4.6	184	224
	16	9.2	46	56
15000	24	13.8	20	25
α=32°	32	18.4	12	14





UGR diagram

Riflect ceil/ca walls work Room x 2H	pl. o dim y 2H 3H 4H 6H	0.70 0.50 0.20	0.70 0.30 0.20	0.50 0.50 0.20 viewed	0.50 0.30 0.20	0.30 0.30 0.20	0.70 0.50	0.70	0.50	0.50	0.30			
walls work Room x	pl. dim y 2H 3H 4H 6H	0.50 0.20	0.30 0.20	0.50 0.20 viewed	0.30 0.20	0.30	100000000000000000000000000000000000000				0.30			
work Room x 2H	y 2H 3H 4H 6H	0.20	0.20	0.20 viewed	0.20		0.50	0.30	0.50					
Room x 2H	y 2H 3H 4H 6H	1.9	(viewed		0.20	0.50 0.20	0.30	0.50 0.20	0.30	0.30			
х 2Н	y 2H 3H 4H 6H	5-5-4-6-6												
2H	2H 3H 4H 6H	5-5-4-6-6		crosswis		viewed				viewed				
AN COLO	3H 4H 6H	5-5-4-6-6	4.0		е				endwise	ig.				
4H	4H 6H	1.7		2.2	4.3	4.6	1.9	4.0	2.2	4.3	4.6			
4H	бН		3.4	2.1	3.8	4.1	1.7	3.4	2.1	3.7	4.			
4H	40.00	1.7	3.1	2.1	3.4	3.8	1.7	3.1	2.0	3.4	3.8			
4H	OLI	1.6	2.8	2.0	3.1	3.5	1.6	2.7	2.0	3.1	3.4			
4H	H8	1.6	2.7	2.0	3.1	3.4	1.6	2.7	2.0	3.0	3.4			
4H	12H	1.6	2.6	2.0	3.0	3.4	1.5	2.6	1.9	2.9	3.3			
	2H	1.7	3.1	2.0	3.4	3.8	1.7	3.1	2.1	3.4	3.8			
	ЗН	1.6	2.6	2.0	3.0	3.4	1.6	2.6	2.0	3.0	3.			
	4H	1.5	2.5	1.9	2.8	3.3	1.5	2.5	1.9	2.8	3.3			
	бН	1.1	2.8	1.6	3.2	3.7	1.1	2.8	1.6	3.2	3.7			
	HS	1.0	2.9	1.5	3.4	3.9	1.0	2.9	1.5	3.3	3.8			
	12H	0.9	2.9	1.4	3.4	3.9	0.9	2.9	1.4	3.3	3.9			
вн	4H	1.0	2.9	1.5	3.3	3.8	1.0	2.9	1.5	3.4	3.9			
	6H	0.9	2.7	1.4	3.2	3.7	0.9	2.7	1.4	3.2	3.8			
	HS	0.9	2.5	1.4	3.0	3.6	0.9	2.5	1.4	3.0	3.6			
	12H	1.0	2.1	1.6	2.6	3.2	1.0	2.1	1.6	2.6	3.2			
12H	4H	0.9	2.9	1.4	3.3	3.9	0.9	2.9	1.4	3.4	3.9			
	6H	0.9	2.5	1.4	3.0	3.6	0.9	2.5	1.4	3.0	3.6			
	HS	1.0	2.1	1.6	2.6	3.2	1.0	2.1	1.6	2.6	3.2			
Variat	tions wi	th the ol	oserver p	noitieo	at spacir	ng:								
S =	1.0H		6	8- / 8.	.4			6	.6 / -8.	4				
	1.5H		9	.4 / -9	.5			9	4 / -9.	5				