

Last information update: October 2024

Product configuration: BK88

BK88: Wall-/Ceiling-mounted - 18 Neutral White LEDs - 24V dc - L=1585mm - 32° Flood optic

**Product code**

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Technical description

Direct light luminaire, designed to use monochrome LED lamps. Ceiling- and wall-mounted. Consists of a body and supports for installation (to be ordered separately). Extruded aluminium body, with zamak die-cast end caps complete with silicone seals. Coated with liquid acrylic paint with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED power plate in Neutral White 4000K with 24V dc electronic circuit (ballast to be ordered separately); 24V smart driver allowing constant light flow emission despite variations in the input voltage (from 30V dc to 16V dc). Fitted with a PMMA diffusing filter and optic with plastic (methacrylate) lens for 32° FLOOD lighting. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and particular requirements.

Installation

The following accessories are available for installation: adjustable wall-mounted arms in AISI304 stainless steel (L=83mm code BZJ9, 200mm code BZJ8) and a plate for surface- or ceiling-mounting made of anodised aluminium (BZJ7).

Colour

Grey (15)

Mounting

wall surface|ceiling surface

Wiring

The product is supplied with a single nickel-plated brass cable gland PG9 and a 2x1mm² PVC and polyurethane outlet cable, 2000mm long. For the electrical connection there is an IP68 linear connector (BZK6) and an IP66 junction box with quick-coupling terminals (BZK7). 24V dc electronic ballasts to be ordered separately: 120W (BZK0), 240W (9912) and 480W (BZK1)

Notes

Product complete with LED lamp.

Complies with EN60598-1 and pertinent regulations



IK05

IP66

**Technical data**

Im system:	1115	MacAdam Step:	3
W system:	20.8	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
Im source:	1860	Life Time LED 2:	66,000h - L80 - B10 (Ta 40°C)
W source:	20	Voltage [Vin]:	24
Luminous efficiency (Im/W, real value):	53.6	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.) [%]:	60	Number of optical assemblies:	1
Beam angle [°]:	32°	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	LED current [mA]:	350
Colour temperature [K]:	4000	Control:	PWM

Polar

Imax=2668 cd		Lux			
		h	d	Em	Emax
	90°				
	180°				
	90°				
	0°				
α=32°		4	2.3	126	167
		8	4.6	31	42
		12	6.9	14	19
		16	9.2	8	10

Isolux

