

Last information update: December 2024

Product configuration: BT02

BT02: Mini - Wall-/Ceiling-mounted - Neutral White LED - 48V dc DMX512-RDM dimmable - L=512mm - Wall Grazing Optic

**Product code**

BT02: Mini - Wall-/Ceiling-mounted - Neutral White LED - 48V dc DMX512-RDM dimmable - L=512mm - Wall Grazing Optic

Technical description

Direct light luminaire, designed to use monochrome LED lamps, 48V dc DMX512-RDM dimmable. Ceiling- and wall-mounted. Consists of a body, a box for DMX driver and supports for installation (to be ordered separately). Extruded aluminium body and side box, 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 plate in Neutral White, side box with 48V dc DMX512-RDM electronic driver (ballast to be ordered separately). Side box with double PG13.5 cable gland and outlet cables for pass-through wiring. Fitted with a PMMA diffusing filter and optics with plastic (methacrylate) lens for Wall Grazing 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=200mm code BZJ8) and a plate for surface- or ceiling-mounting made of anodised aluminium (BZJ6).

Colour

Grey (15)

Weight (Kg)

1.47

Mounting

wall surface|ceiling surface

Wiring

The product is equipped with a nickel-plated brass PG13.5 double cable gland with H07RN-F rubber outlet cables 5x1.5mm² for pass-through wiring: each cable is set up both for the DMX-RDM signal and for 48V dc power supply. Available for electrical connection: IP68 5-pin linear connector (BZS6), cap for IP68 connectors + 120 Ohm terminating resistor (BZQ7), 48V dc DIN bar electronic ballasts to be ordered separately: 120W (BZ14), 240W (BZ15) and 480W (BZ16). DMX specifications require the insertion of a 120 Ohm terminating resistor to be placed between the DATA+ and DATA- cables of the last product in the line (code BZQ7)

Notes

Product complete with LED lamp. DMX specifications require the insertion of a 120 Ohm terminating resistor to be placed between the DATA+ and DATA- cables of the last product in the line (code BZQ7)

Complies with EN60598-1 and pertinent regulations



IK05

IP66

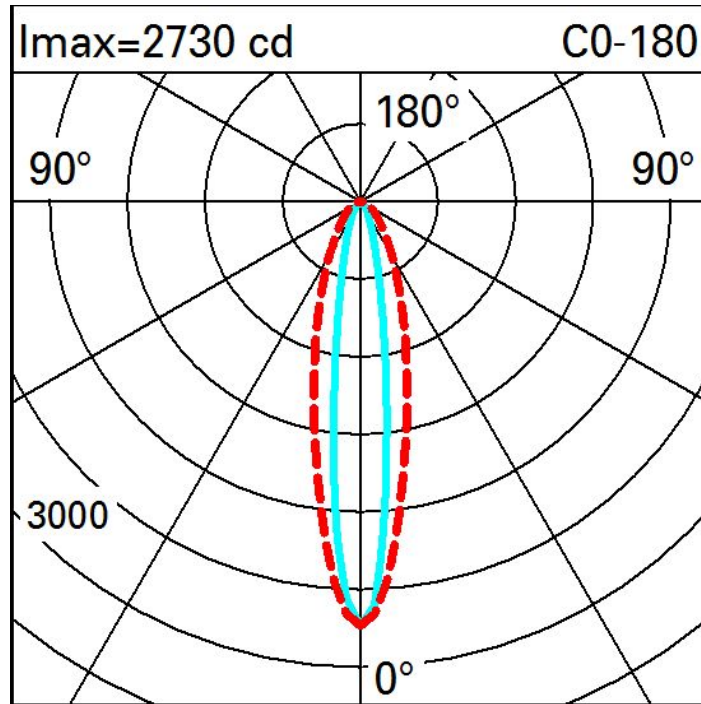


EAC

**Technical data**

Im system:	681	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
W system:	14.9	Life Time LED 2:	66,000h - L80 - B10 (Ta 40°C)
Im source:	1240	Voltage [Vin]:	48
W source:	13	Lamp code:	LED
Luminous efficiency (lm/W, real value):	45.7	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	55	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	LED current [mA]:	350
Colour temperature [K]:	4000	Power factor:	See installation instructions
MacAdam Step:	3	Control:	DMX-RDM

Polar



Illuminances

Lux Wall distance = 1m

3												
	0.1	0.3	0.6	1	3	5	3	2	0.7	0.3	0.2	
2	0.6	1	2	5	8	10	8	5	3	1	0.8	
	1	2	3	6	10	13	11	7	4	2	1	
1	1	2	4	7	11	13	11	7	4	2	2	
	1	2	4	6	9	12	9	7	4	3	2	
0												
	m	-2	-1	0	1	2	3					