

Last information update: May 2024

Product configuration: BN91

BN91: Compact - Wall-/Ceiling-mounted - LEDs - DMX512-RDM control - L=1026mm - Wall Grazing Optic

**Product code**BN91: Compact - Wall-/Ceiling-mounted - LEDs - DMX512-RDM control - L=1026mm - Wall Grazing Optic **Attention! Code no longer in production****Technical description**

Direct light luminaire, designed to use WRGBW (Red, Green, Blue and White 4000K) LED lamps and DMX512-RDM control with searching and addressing function. Ceiling, wall or support-mounted. Consists of a body and supports for installation, to be ordered separately. Extruded aluminium body, with die-cast aluminium end caps complete with silicone seals. Coated with liquid acrylic paint with a high level of weather and UV ray resistance. Lateral control gear box made of PPS (polyphenylene sulfide). The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with power multilayer plate with single Red, Green, Blue and White LEDs in the 4000K version (WRGBW), of which one white LED positioned at the start of the circuit. Fitted with optics with plastic (methacrylate) lens for Wall Grazing lighting. The lateral box is supplied with a double connector, male/female, with 5-pin quick coupling for pass-through wiring and a closing cap on one side. 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 the installation: adjustable aluminium arms $\pm 90^\circ$ L=138mm (code 5576), extendable aluminium arms from 309 to 389mm and adjustable $\pm 90^\circ$ (code 5577), stainless steel adjustable arms $\pm 90^\circ$ L=138 (code BZX2) stainless steel adjustable arms L=310mm (code BZX3), wall mounting bracket L=310mm (code BZV9) balustrade mounting brackets L=297mm (code 5578), support or ceiling installation bracket L=309mm (code 5570).

Colour

Grey (15)

Weight (Kg)

3.2

Mounting

wall surface|ceiling surface

Wiring

The product is supplied with electronic control gear, with DMX512-RDM control 220-240Vac, 50/60Hz contained in the luminaire. The following are available for the electrical connection and DMX-RDM control: 5 pole IP66 female connector (BZI5), 5 pole IP66 male connector + closing cap (BZI6), male connector + 5 pole IP66 female connector (BZI7), multipole cable groups with 5 pole male + female connectors (BZW1-BZW2 -BZW3), connectors cap (BZQ7), 5 pole 3 way IP68 linear connector (Y type) (BZN7). 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

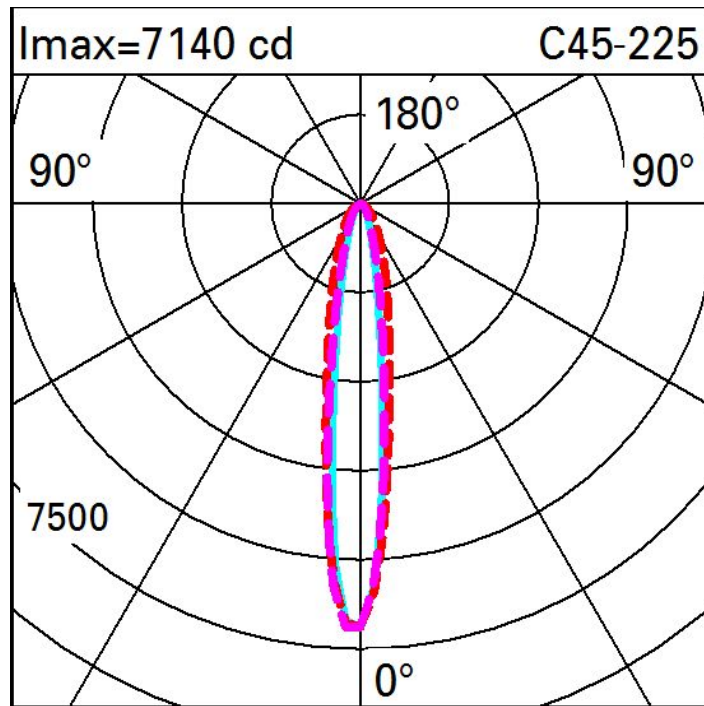
Product complete with LED lamp. DMX specifications require the insertion of a 120 Ohm terminating resistor to be placed between the DATA+ and DATA- cables of the last product in the line (code BZQ7)

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	1397	Life Time LED 1:	50,000h - L80 - B10 (Ta 25°C)
W system:	34.3	Life Time LED 2:	50,000h - L80 - B20 (Ta 40°C)
Im source:	2090	Lamp code:	LED
W source:	28	Number of lamps for optical assembly:	1
Luminous efficiency (Im/W, real value):	40.7	ZVEI Code:	LED
Im in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	0	Intervallo temperatura ambiente:	from -30°C to 50°C.
Light Output Ratio (L.O.R.) [%]:	67	Control:	DMX-RDM
Colour temperature [K]:	WRGBW		

Polar



Illuminances

Lux												Wall distance = 1m	
3													
	0.5	0.9	2	6	12	16	11	5	2	0.7	0.3		
2	2	3	6	12	21	27	20	11	6	3	1		
	2	4	8	15	28	34	27	13	7	4	2		
1	3	5	8	16	25	29	23	15	7	4	3		
	3	5	9	15	22	27	20	13	8	5	3		
0													
	m	-2	-1	0	1	2	3						