

Last information update: May 2024

**Product configuration: BM68**

BM68: Compact - Wall-/Ceiling-mounted - WNC White Tuning LEDs - DMX512-RDM control - L=1490mm - Wall Grazing Optic

**Product code**

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**Attention! Code no longer in production****Technical description**

Direct light luminaire, designed to use WNC (White 2700K, 4000K, 6000K) 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 multi-led power plate with single 2700K, 4000K and 6000K white LEDs (WNC). 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. Set up for pass-through earth wiring. 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=670mm (code BZ11) balustrade mounting brackets L=297mm (code 5578), support or ceiling installation bracket L=309mm (code 5570).

**Colour**

Grey (15)

**Weight (Kg)**

4.29

**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 (BZ15), 5 pole IP66 male connector + closing cap (BZ16), male connector + 5 pole IP66 female connector (BZ17), multipole cable groups with 5 pole male + female connectors (BZT4-BZT5-BZT6), 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**

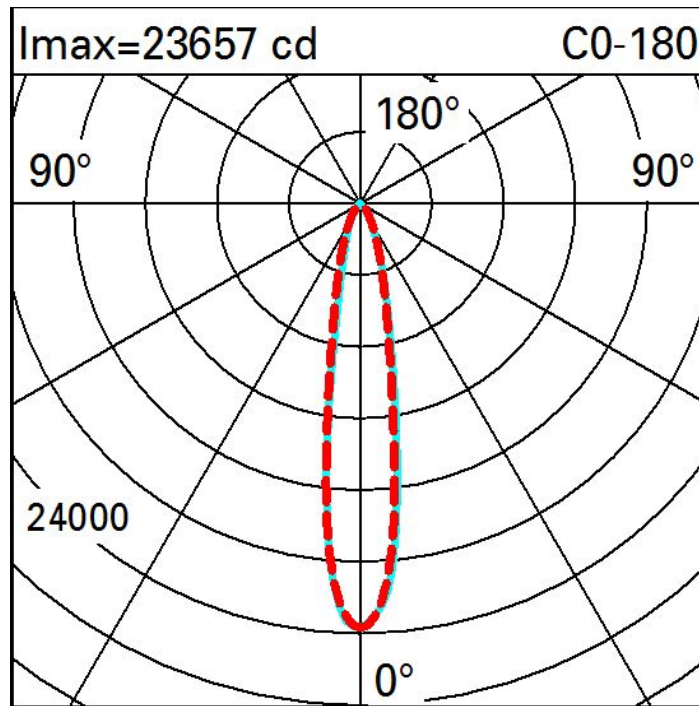
Product complete with LED lamp. DMX specifications require the insertion of a 120 Ohm terminating resistor to be placed between the DATA+ and DATA- cables of the last product in the line (code BZQ7)

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	4719	MacAdam Step:	3
W system:	59	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
Im source:	7150	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W source:	51	Voltage [Vin]:	230
Luminous efficiency (Im/W, real value):	80	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.) [%]:	66	Number of optical assemblies:	1
CRI (minimum):	80	Intervallo temperatura ambiente:	from -30°C to 50°C.
Colour temperature [K]:	Tunable white 2700 - 5000	Control:	DMX-RDM

Polar



Illuminances

Lux Wall distance = 1m											
3	0.2	0.5	2	4	12	16	12	4	2	0.5	0.2
2	0.9	2	5	11	28	46	28	11	5	2	0.9
	2	3	7	34	112	152	112	34	7	3	2
1	2	5	16	63	110	146	110	63	16	5	2
0	3	9	31	57	100	139	100	57	31	9	3
	m	-2	-1	0	1	2	3				