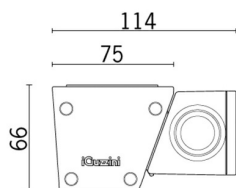


Last information update: May 2018

**Compact - Wall-/Ceiling-mounted - WNC White Tuning LEDs - DMX512-RDM control - L=1490mm - Wall Grazing Optic****Product code**

BM68

**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).

**Dimension (mm)**

1490x75x66

**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

**Product configuration: BM68****Product characteristics**

Total lighting output [Lm]: 2201  
Total power [W]: 49.6  
Luminous efficacy [Lm/W]: 44.4  
Life Time: 100,000h - L80 - B10 (Ta 25°C)  
Ambient temperature range: from -20°C to +35°C.

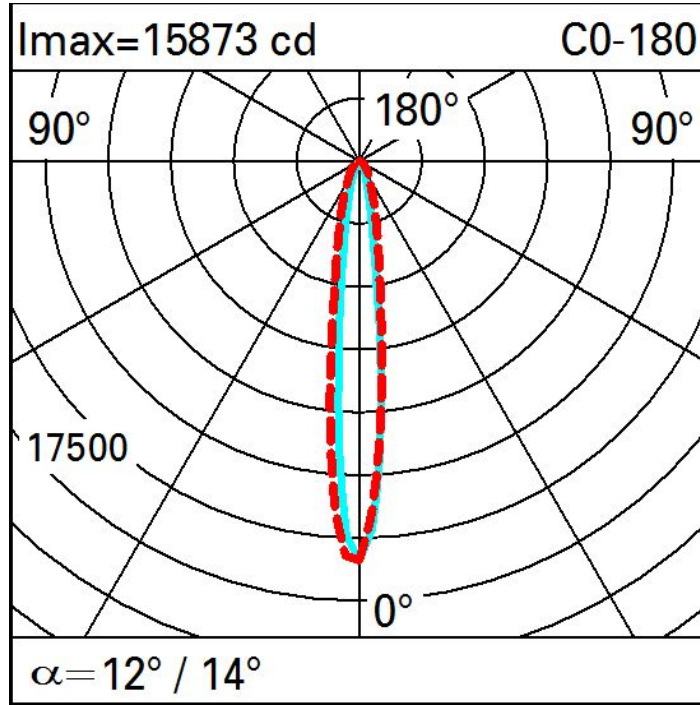
Total luminous flux at or above an angle of  $90^\circ$  [Lm]: 0  
Emergency luminous flux [Lm]: /  
Voltage [V]: -  
Life Time: 66,000h - L80 - B10 (Ta 40°C)  
Number of optical assemblies: 1

**Optical assembly Characteristics Type 1**

Light Output Ratio (L.O.R.) [%]: 61  
Lamp code: LED  
ZVEI Code: LED  
Nominal power [W]: 41  
Nominal luminous [Lm]: 3620  
Lamp maximum intensity [cd]: /  
Beam angle [°]: /

Number of lamps for optical assembly: 1  
Socket: /  
Ballast losses [W]: 8.6  
Colour temperature [K]: /  
CRI: /  
Wavelength [Nm]: /  
MacAdam Step: /

Polar



Illuminances

Lux		Wall distance = 1m											
3													
		0.1	0.2	0.8	4	21	88	23	7	2	0.5	0.2	
2		0.5	1	4	11	34	113	36	14	5	2	1.0	
		1	2	5	15	48	114	38	16	7	3	2	
1		1	3	7	20	40	90	36	16	7	4	2	
		1	4	10	17	35	74	32	15	8	4	2	
0													
	m	-2	-1	0	1	2	3						