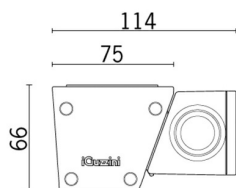


Last information update: May 2018

**Compact - Wall-/Ceiling-mounted - WNC White Tuning LEDs - DMX512-RDM control - L=506mm - Wall Grazing Optic****Product code**

BM66

**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. 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 BZ10) balustrade mounting brackets L=297mm (code 5578), support or ceiling installation bracket L=309mm (code 5570).

**Dimension (mm)**

506x75x66

**Colour**

Grey (15)

**Weight (Kg)**

1.4

**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: BM66****Product characteristics**

Total lighting output [Lm]: 736  
 Total power [W]: 20.5  
 Luminous efficacy [Lm/W]: 35.9  
 Life Time: 100,000h - L80 - B10 (Ta 25°C)  
 Ambient temperature range: from -20°C to +35°C.

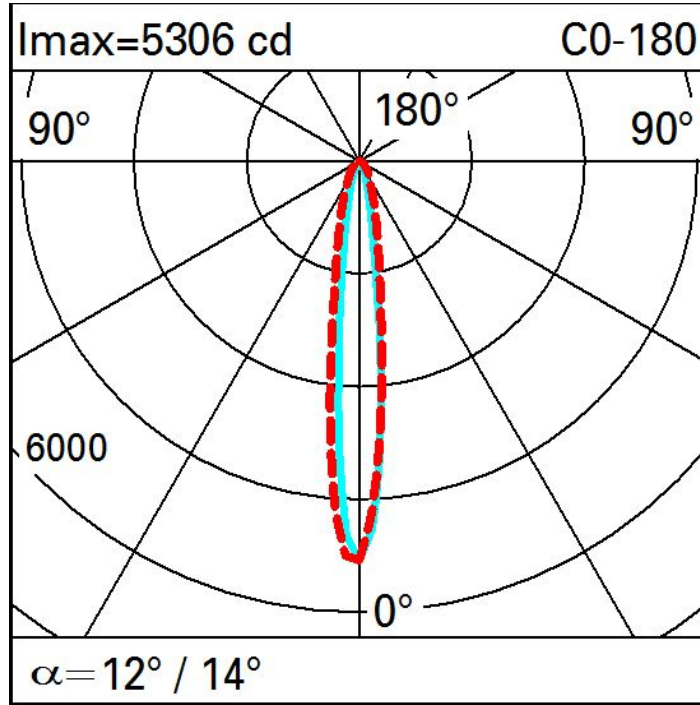
Total luminous flux at or above an angle of  $90^\circ$  [Lm]: 0  
 Emergency luminous flux [Lm]: /  
 Voltage [V]: -  
 Life Time: 66,000h - L80 - B10 (Ta 40°C)  
 Number of optical assemblies: 1

**Optical assembly Characteristics Type 1**

Light Output Ratio (L.O.R.) [%]: 61  
 Lamp code: LED  
 ZVEI Code: LED  
 Nominal power [W]: 14  
 Nominal luminous [Lm]: 1210  
 Lamp maximum intensity [cd]: /  
 Beam angle [°]: /

Number of lamps for optical assembly: 1  
 Socket: /  
 Ballast losses [W]: 6.5  
 Colour temperature [K]: /  
 CRI: /  
 Wavelength [Nm]: /  
 MacAdam Step: /

Polar



Illuminances

Lux		Wall distance = 1m											
3													
		0.1	0.3	1	7	29	8	2	0.6	0.2			
2		0.2	0.5	1	4	11	40	12	5	2	0.7	0.3	
		0.3	0.7	2	5	16	38	13	5	2	1	0.5	
1		0.4	0.8	2	7	13	30	12	5	2	1	0.6	
		0.5	1	3	6	12	24	11	5	3	1	0.7	
0													
	m	-2	-1	0	1	2	3						