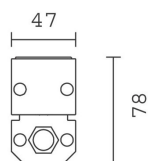


Last information update: June 2018

**Mini47 – Wall-/Ceiling-mounted – RGBW – 48 Vdc DMX512-RDM – L=908mm – Wall Grazing WideFlood optic****Product code**

EG37

**Technical description**

Direct light luminaire, designed to use RGBW LED lamps, DMX512-RDM 48Vdc dimmable with searching and addressing function. Ceiling-, wall- or surface-mounted. Consists of a body and supports for installation, to be ordered separately. The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, 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 RGBW colour and a 48V dc DMX512-RDM electronic driver (ballast to be ordered separately). Supplied with a double PG13.5 and outlet cables for pass-through wiring with IP68 male/female joiners. Fitted with a PMMA diffusing filter and optics with a plastic (methacrylate) lens for Wall Grazing WideFlood 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**

Accessories are available for installation, like adjustable AISI304 stainless steel wall-mounted arms.

**Dimension (mm)**

908x47x77

**Colour**

Grey (15)

**Weight (Kg)**

2.55

**Mounting**

wall arm|wall surface|ceiling surface

**Wiring**

Complete with DMX-RDM 44-52Vdc control card. The product is supplied with a nickel-plated brass PG13.5 double cable gland with H07RN-F 5x1.5mm<sup>2</sup> rubber outlet cables for pass-through wiring with joiners (illegible part). Available for electrical connection and DMX-RDM control: IP68 5-pin female connector, IP68 5-pin male connector + closing cap (BZI6), and IP68 5-pin male + female connectors.

**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 (BZQ7).

Complies with EN60598-1 and pertinent regulations

**Product configuration: EG37****Product characteristics**

Total lighting output [Lm]: 989  
 Total power [W]: 38.8  
 Luminous efficacy [Lm/W]: 25.5  
 Life Time: 70,000h - L80 - B10 (Ta 25°C)  
 Ambient temperature range: from -20°C to +35°C. (\*)

\* Preliminary data

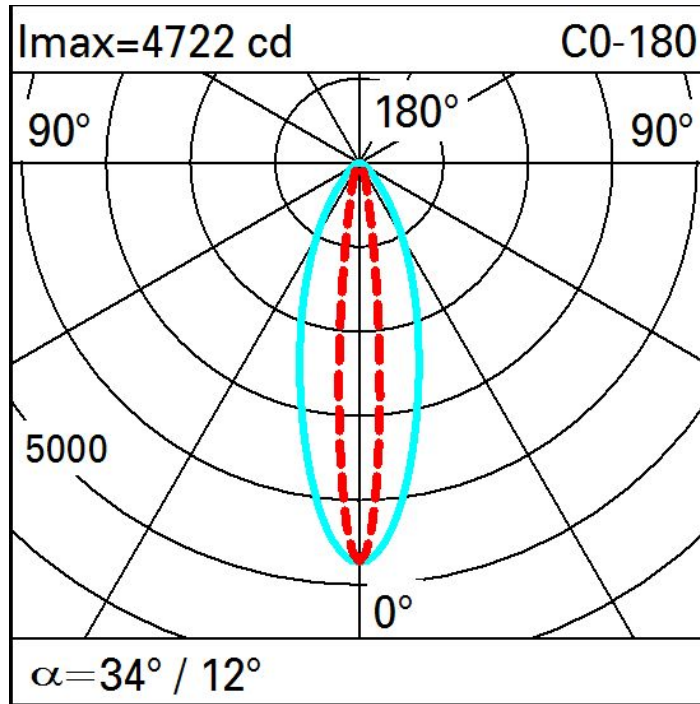
Total luminous flux at or above an angle of 90° [Lm]: 0  
 Emergency luminous flux [Lm]: /  
 Voltage [V]: 48  
 Life Time: 59,000h - L80 - B10 (Ta 40°C)  
 Number of optical assemblies: 1

**Optical assembly Characteristics Type 1**

Light Output Ratio (L.O.R.) [%]: 46  
 Lamp code: LED  
 ZVEI Code: LED  
 Nominal power [W]: 35  
 Nominal luminous [Lm]: 2150  
 Lamp maximum intensity [cd]: /  
 Beam angle [°]: /

Number of lamps for optical assembly: 1  
 Socket: /  
 Ballast losses [W]: 3.8  
 Colour temperature [K]: /  
 CRI: /  
 Wavelength [Nm]: /  
 MacAdam Step: /

Polar



Illuminances

Lux		Wall distance = 1m													
3															
		0.1	0.3	0.7	2	4	6	4	2	0.7	0.3	0.1			
2		0.6	1	2	4	7	9	7	4	2	1	0.6			
		1	2	3	6	9	11	9	6	3	2	1			
1		1	2	4	6	9	11	9	6	4	2	1			
		1	2	4	6	8	9	8	6	4	2	1			
0															
	m	-2	-1	0	1	2	3								