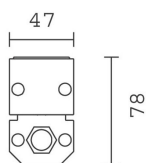


Last information update: June 2018

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

EG34

Technical description

Direct light luminaire, designed to use RGB 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 RGB 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

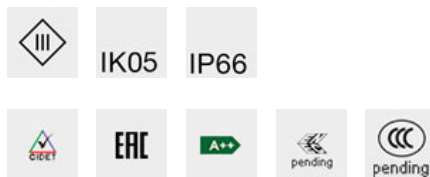
Wiring

Complete with DMX-RDM 48-52Vdc control card. The product is supplied with a nickel-plated brass PG13.5 double cable gland with H07RN-F 5x1.5mm² 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: EG34****Product characteristics**

Total lighting output [Lm]: 768
 Total power [W]: 39.9
 Luminous efficacy [Lm/W]: 19.2
 Life Time: 65,000h - L80 - B10 (Ta 25°C)
 Ambient temperature range: from -20°C to +35°C. (*)

* Preliminary data

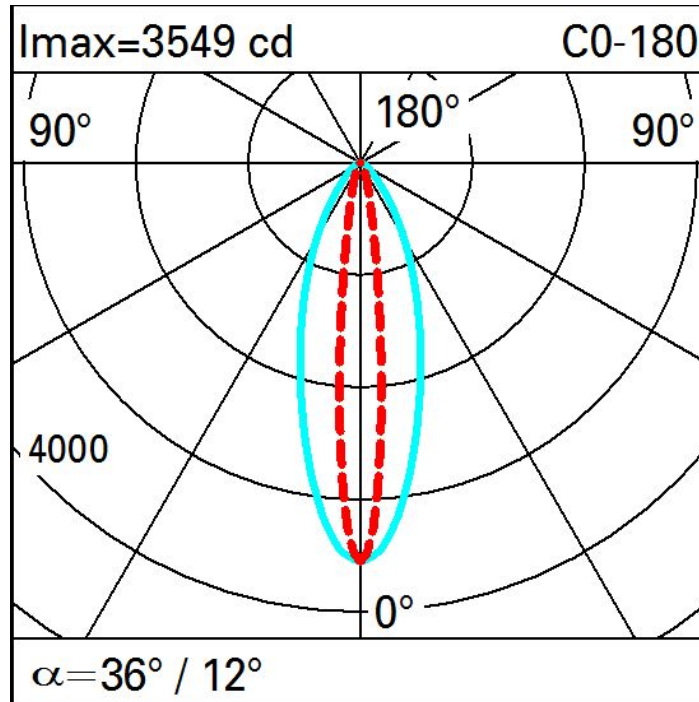
Total luminous flux at or above an angle of 90° [Lm]: 0
 Emergency luminous flux [Lm]: /
 Voltage [V]: 48
 Life Time: 56,000h - L80 - B10 (Ta 40°C)
 Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 48
 Lamp code: LED
 ZVEI Code: LED
 Nominal power [W]: 38
 Nominal luminous [Lm]: 1600
 Lamp maximum intensity [cd]: /
 Beam angle [°]: /

Number of lamps for optical assembly: 1
 Socket: /
 Ballast losses [W]: 1.9
 Colour temperature [K]: /
 CRI: /
 Wavelength [Nm]: /
 MacAdam Step: /

Polar



Illuminances

Lux		Wall distance = 1m											
3													
		0.1	0.2	0.5	1	3	4	3	1	0.5	0.2	0.1	
2		0.5	0.9	2	3	5	7	5	3	2	0.9	0.5	
		0.8	1	3	5	7	8	7	5	3	1	0.8	
1		1	2	3	5	7	8	7	5	3	2	1	
		1	2	3	5	6	7	6	5	3	2	1	
0	m	-2	-1	0	1	2	3						