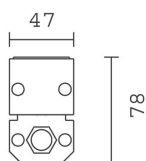


Last information update: June 2018

**Mini47 – Wall-/Ceiling-mounted – Neutral White – 48 Vdc DMX512-RDM – L=908mm – Flood optic****Product code**

EG56

**Technical description**

Direct light luminaire, designed to use monochrome 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 Neutral White 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 optics with a plastic (methacrylate) lens for Flood 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

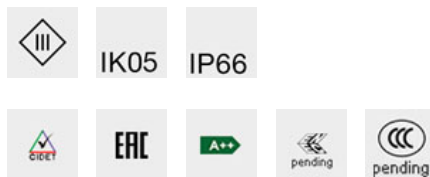
**Wiring**

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: EG56****Product characteristics**

Total lighting output [Lm]: 2394  
 Total power [W]: 35.3  
 Luminous efficacy [Lm/W]: 67.8  
 Life Time: 100,000h - L80 - B10 (Ta 25°C)  
 Ambient temperature range: from -20°C to +35°C. (\*)

\* Preliminary data

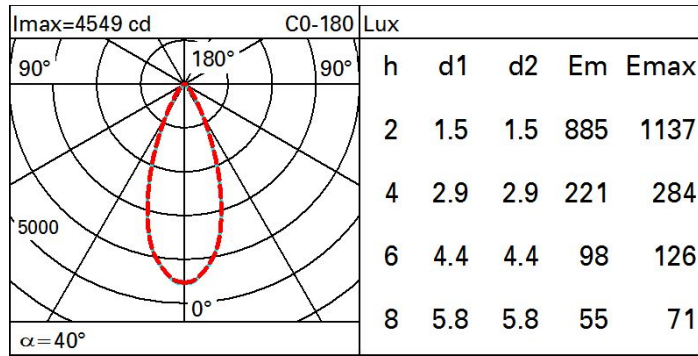
Total luminous flux at or above an angle of 90° [Lm]: 0  
 Emergency luminous flux [Lm]: /  
 Voltage [V]: 48  
 Life Time: 100,000h - L80 - B10 (Ta 40°C)  
 Number of optical assemblies: 1

**Optical assembly Characteristics Type 1**

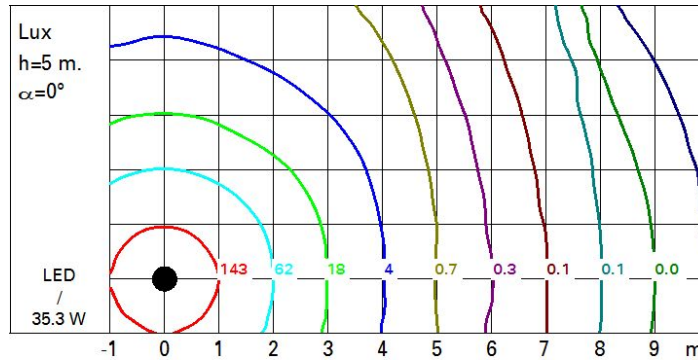
Light Output Ratio (L.O.R.) [%]: 63  
 Lamp code: LED  
 ZVEI Code: LED  
 Nominal power [W]: 31  
 Nominal luminous [Lm]: 3800  
 Lamp maximum intensity [cd]: /  
 Beam angle [°]: 40°

Number of lamps for optical assembly: 1  
 Socket: /  
 Ballast losses [W]: 4.3  
 Colour temperature [K]: 4000  
 CRI: 80  
 Wavelength [Nm]: /  
 MacAdam Step: 3

**Polar**



**Isolux**



**UGR diagram**

Corrected UGR values (at 3800 lm bare lamp luminous flux)

| Reflect.:   |      | viewed crosswise |      |      |      |      | viewed endwise |      |      |      |      |
|---|------|------------------|------|------|------|------|----------------|------|------|------|------|
| ceiling   | cav  | 0.70             | 0.70 | 0.50 | 0.50 | 0.30 | 0.70           | 0.70 | 0.50 | 0.50 | 0.30 |
| walls   |      | 0.50             | 0.30 | 0.50 | 0.30 | 0.30 | 0.50           | 0.30 | 0.50 | 0.30 | 0.30 |
| work pl.  |      | 0.20             | 0.20 | 0.20 | 0.20 | 0.20 | 0.20           | 0.20 | 0.20 | 0.20 | 0.20 |
| Room dim  |      |                  |      |      |      |      |                |      |      |      |      |
| x   | y    |                  |      |      |      |      |                |      |      |      |      |
| 2H  | 2H   | 10.9             | 11.5 | 11.2 | 11.8 | 12.0 | 12.6           | 13.2 | 12.9 | 13.4 | 13.6 |
|   | 3H   | 10.8             | 11.4 | 11.1 | 11.6 | 11.9 | 12.5           | 13.0 | 12.8 | 13.3 | 13.5 |
|   | 4H   | 10.8             | 11.3 | 11.1 | 11.6 | 11.9 | 12.4           | 12.9 | 12.7 | 13.2 | 13.5 |
|   | 6H   | 10.7             | 11.2 | 11.1 | 11.5 | 11.8 | 12.3           | 12.8 | 12.7 | 13.1 | 13.4 |
|   | 8H   | 10.7             | 11.1 | 11.0 | 11.4 | 11.8 | 12.3           | 12.7 | 12.7 | 13.1 | 13.4 |
|   | 12H  | 10.6             | 11.1 | 11.0 | 11.4 | 11.7 | 12.3           | 12.7 | 12.6 | 13.0 | 13.4 |
| 4H  | 2H   | 10.8             | 11.3 | 11.1 | 11.6 | 11.9 | 13.1           | 13.5 | 13.4 | 13.8 | 14.1 |
|   | 3H   | 10.7             | 11.1 | 11.1 | 11.5 | 11.8 | 13.0           | 13.4 | 13.4 | 13.7 | 14.1 |
|   | 4H   | 10.6             | 11.0 | 11.0 | 11.4 | 11.8 | 12.9           | 13.3 | 13.3 | 13.6 | 14.0 |
|   | 6H   | 10.6             | 10.9 | 11.0 | 11.3 | 11.7 | 12.8           | 13.1 | 13.2 | 13.5 | 14.0 |
|   | 8H   | 10.5             | 10.8 | 11.0 | 11.2 | 11.7 | 12.8           | 13.1 | 13.2 | 13.5 | 13.9 |
|   | 12H  | 10.5             | 10.7 | 10.9 | 11.2 | 11.6 | 12.7           | 13.0 | 13.2 | 13.4 | 13.9 |
| 8H  | 4H   | 10.5             | 10.8 | 11.0 | 11.2 | 11.7 | 13.2           | 13.5 | 13.7 | 13.9 | 14.4 |
|   | 6H   | 10.5             | 10.7 | 10.9 | 11.1 | 11.6 | 13.1           | 13.4 | 13.6 | 13.8 | 14.3 |
|   | 8H   | 10.4             | 10.6 | 10.9 | 11.1 | 11.6 | 13.1           | 13.3 | 13.6 | 13.8 | 14.3 |
|   | 12H  | 10.4             | 10.5 | 10.9 | 11.0 | 11.5 | 13.0           | 13.2 | 13.5 | 13.7 | 14.2 |
| 12H   | 4H   | 10.5             | 10.7 | 10.9 | 11.2 | 11.6 | 13.2           | 13.5 | 13.7 | 13.9 | 14.4 |
|   | 6H   | 10.4             | 10.6 | 10.9 | 11.1 | 11.6 | 13.2           | 13.4 | 13.6 | 13.8 | 14.3 |
|   | 8H   | 10.4             | 10.5 | 10.9 | 11.0 | 11.5 | 13.1           | 13.3 | 13.6 | 13.8 | 14.3 |
| Variations with the observer position at spacing: |      |                  |      |      |      |      |                |      |      |      |      |
| S =   | 1.0H | 4.5 / -8.4       |      |      |      |      | 2.5 / -2.5     |      |      |      |      |
|   | 1.5H | 7.1 / -10.4      |      |      |      |      | 4.9 / -3.4     |      |      |      |      |
|   | 2.0H | 9.1 / -11.4      |      |      |      |      | 6.7 / -4.3     |      |      |      |      |