

Last information update: April 2024

Product configuration: EG77

EG77: 47 surface Remote – Warm White – 48 Vdc DMX512-RDM – L=1205mm – Wide Flood optic

**Product code**

EG77: 47 surface Remote – Warm White – 48 Vdc DMX512-RDM – L=1205mm – Wide Flood optic

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 Warm White and a 48V dc DMX512-RDM electronic driver (ballast to be ordered separately). Supplied with a double PG11 and outlet cables for pass-through wiring with IP68 male/female joiners. Fitted with a PMMA diffusing filter and optics with plastic (methacrylate) lens for Wide 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.

Colour

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

3.3

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 PG11 double cable gland with 05RN-F 2x1,5mm²+3x0,35mm² 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.

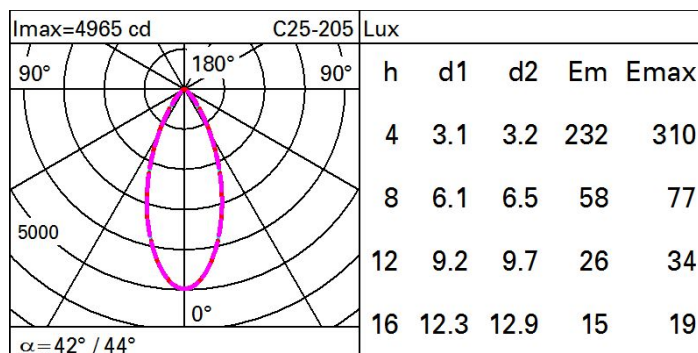
Notes

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

**Technical data**

| | | | |
|--|-----------|---------------------------------------|--------------------------------|
| Im system: | 3120 | MacAdam Step: | 3 |
| W system: | 46.8 | Life Time LED 1: | 100,000h - L80 - B10 (Ta 25°C) |
| Im source: | 5200 | Life Time LED 2: | 100,000h - L80 - B10 (Ta 40°C) |
| W source: | 42 | Voltage [Vin]: | 48 |
| Luminous efficiency (Im/W, real value): | 66.7 | Lamp code: | LED |
| Im in emergency mode: | - | Number of lamps for optical assembly: | 1 |
| Total light flux at or above an angle of 90° [Lm]: | 0 | ZVEI Code: | LED |
| Light Output Ratio (L.O.R.) [%]: | 60 | Number of optical assemblies: | 1 |
| Beam angle [°]: | 42° / 44° | Intervallo temperatura ambiente: | from -30°C to 50°C. |
| CRI (minimum): | 80 | LED current [mA]: | 600 |
| Colour temperature [K]: | 2700 | Control: | DMX-RDM |

Polar

Isolux

