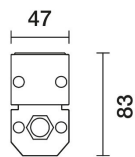


Last information update: April 2024

**Product configuration: EG27**

EG27: 47 surface Remote – Warm White – 48 Vdc DMX512-RDM – L=1205mm – Wall Grazing WideFlood optic

**Product code**

EG27: 47 surface Remote – Warm White – 48 Vdc DMX512-RDM – L=1205mm – Wall Grazing WideFlood 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 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.

**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 2x1,5mm<sup>2</sup>+3x0,35mm<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**

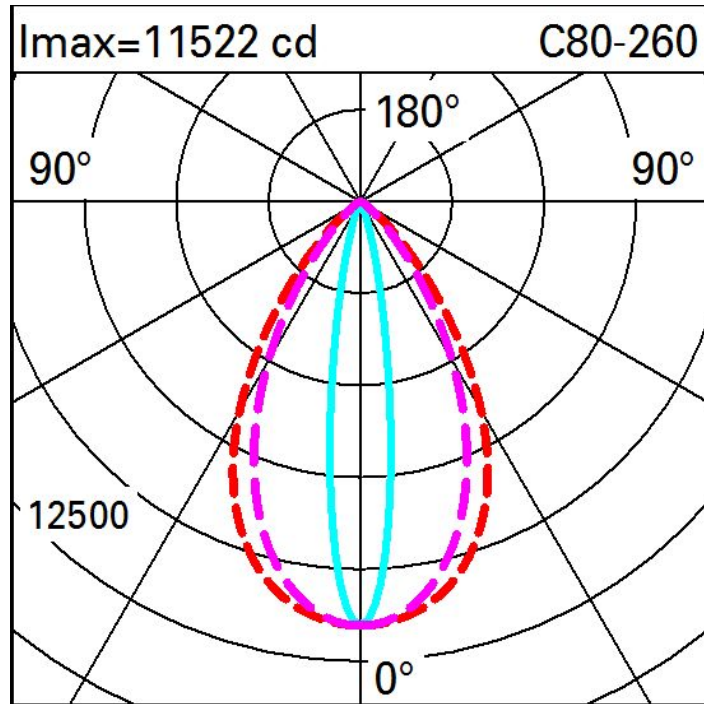
Product complete with LED lamp. DMX specifications require the insertion of a 120 Ohm terminating resistor to be placed between the DATA+ and DATA- cables of the last product in the line (BZQ7).

Complies with EN60598-1 and pertinent regulations

**Technical data**

|  |      |                                       |                                |
|--|------|---------------------------------------|--------------------------------|
| Im system:   | 4088 | Life Time LED 1:                      | 100,000h - L80 - B10 (Ta 25°C) |
| W system:  | 46.8 | Life Time LED 2:                      | 100,000h - L80 - B10 (Ta 40°C) |
| Im source:   | 5600 | Voltage [Vin]:                        | 48                             |
| W source:  | 42   | Lamp code:                            | LED                            |
| Luminous efficiency (Im/W, real value):            | 87.4 | Number of lamps for optical assembly: | 1                              |
| Im in emergency mode:                              | -    | ZVEI Code:                            | LED                            |
| Total light flux at or above an angle of 90° [Lm]: | 0    | Number of optical assemblies:         | 1                              |
| Light Output Ratio (L.O.R.) [%]:                   | 73   | Intervallo temperatura ambiente:      | from -30°C to 50°C.            |
| CRI (minimum):                                     | 80   | LED current [mA]:                     | 600                            |
| Colour temperature [K]:                            | 3000 | Control:                              | DMX-RDM                        |
| MacAdam Step:                                      | 3    |                                       |                                |

Polar



Illuminances

| Lux |     |     |     |    |    |    |    |    |     |     |     |  | Wall distance = 1m |  |
|-----|-----|-----|-----|----|----|----|----|----|-----|-----|-----|--|--------------------|--|
| 3   |     |     |     |    |    |    |    |    |     |     |     |  |                    |  |
|     | 0.1 | 0.2 | 0.6 | 1  | 3  | 4  | 3  | 1  | 0.6 | 0.2 | 0.1 |  |                    |  |
| 2   | 0.9 | 2   | 3   | 5  | 7  | 9  | 7  | 5  | 3   | 2   | 0.9 |  |                    |  |
|     | 2   | 3   | 6   | 8  | 10 | 11 | 10 | 8  | 6   | 3   | 2   |  |                    |  |
| 1   | 3   | 5   | 8   | 11 | 12 | 14 | 12 | 11 | 8   | 5   | 3   |  |                    |  |
|     | 5   | 9   | 12  | 15 | 15 | 18 | 15 | 15 | 12  | 9   | 5   |  |                    |  |
| 0   |     |     |     |    |    |    |    |    |     |     |     |  |                    |  |
|     | m   | -2  | -1  | 0  | 1  | 2  | 3  |    |     |     |     |  |                    |  |