

Last information update: February 2025

**Product configuration: EZ24.15**

EZ24.15: 47 surface Integral – Warm White – 220÷240Vac DMX512-RDM – L=1205mm – Wide Flood optic - 51.5W 3360lm - 3000K - Grey

**Product code**

EZ24.15: 47 surface Integral – Warm White – 220÷240Vac DMX512-RDM – L=1205mm – Wide Flood optic - 51.5W 3360lm - 3000K - Grey

**Technical description**

Direct light luminaire, designed to use monochrome LED lamps, DMX512-RDM 220÷240Vac dimmable with searching and addressing function. Ceiling, wall or surface-mounted. It consists of a body and installation brackets 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 220÷240Vac DMX512-RDM electronic driver (ballast included). 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**

Grey (15)

**Weight (Kg)**

3.3

**Mounting**

wall arm|wall surface|ceiling surface

**Wiring**

Complete with DMX-RDM control card and a 220-240V ac electronic ballast. The product is supplied with a nickel-plated brass PG11 double cable gland with H07RN-F 5x1, 5mm<sup>2</sup> rubber outlet cables for pass-through wiring with male and female IP68 connectors. Available for electrical connection and DMX-RDM control: IP68 5-pin female connector, IP68 5-pin male connector + closing cap (BZ16), 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:   | 3360      | MacAdam Step:                         | 3                              |
| W system:  | 51.5      | Life Time LED 1:                      | 100,000h - L80 - B10 (Ta 25°C) |
| Im source:   | 5600      | Life Time LED 2:                      | 100,000h - L80 - B10 (Ta 40°C) |
| W source:  | 41        | Voltage [Vin]:                        | 230                            |
| Luminous efficiency (Im/W, real value):            | 65.2      | 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        | Control:                              | DMX-RDM                        |
| Colour temperature [K]:                            | 3000      |                                       |                                |

**Polar**

| Imax=5347 cd C25-205 Lux |      |      |     |      |  |
|--------------------------|------|------|-----|------|--|
| h                        | d1   | d2   | Em  | Emax |  |
| 4                        | 3.1  | 3.2  | 250 | 334  |  |
| 8                        | 6.3  | 6.5  | 63  | 83   |  |
| 12                       | 9.4  | 9.7  | 28  | 37   |  |
| 16                       | 12.6 | 12.9 | 16  | 21   |  |

α = 43° / 44°

# Isolux

