Linealuce

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Product configuration: EG87
EG87: 47 surface Remote – 48 Vdc DMX512-RDM – L=908mm – Flood optic

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Technical description
Direct light luminaire, designed to use TW LED lamps (White 2700K, 3500K, 5000K), 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 Tunable 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 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	Weight (Kg)
White (01)	Black (04)	Grey (15)	Rust Brown (F5)	2.6

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 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).

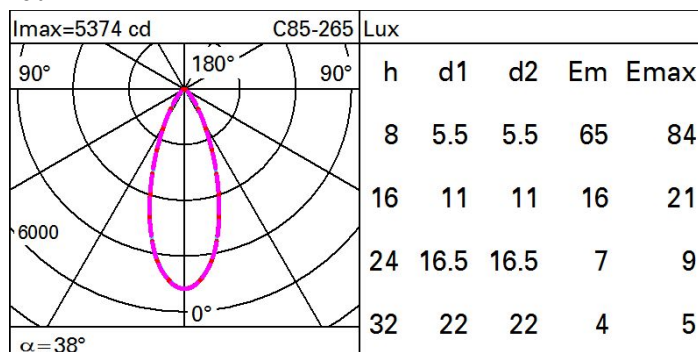Complies with EN60598-1 and pertinent regulations

| III | IK06 | IP66 | CE | 03 | CCC S&E | S | EHC | QCERT | NOM |

Technical data

lm system:	2862	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
W system:	41.9	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
lm source:	5300	Voltage [Vin]:	48
W source:	38	Lamp code:	LED
Luminous efficiency (lm/W, real value):	68.3	Number of lamps for optical assembly:	1
lm 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.) [%]:	54	Intervallo temperatura ambiente:	from -30°C to 50°C.
Beam angle [°]:	38°	LED current [mA]:	500
Colour temperature [K]:	Tunable white 2700 - 5000	Control:	DMX-RDM

Polar

Imax=5374 cd | C85-265

α=38°

h	d1	d2	Em	Emax
8	5.5	5.5	65	84
16	11	11	16	21
24	16.5	16.5	7	9
32	22	22	4	5

Isolux

Lux
h=5 m.
α=0°

LED
/
41.9 W

| 161 | 69 | 23 | 6 | 2 | 0.6 | 0.3 | 0.1 | 0.1 |

-1 0 1 2 3 4 5 6 7 8 9 m