Linealuce

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Last information update: May 2025

Product configuration: EL38
EL38: 47 surface Remote – Warm White – 48 Vdc DALI – L=611mm – Spot optic

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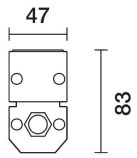
Technical description
Direct light luminaire, designed to use monochrome LED lamps, DALI 48Vdc dimmable with searching and addressing function. Ceiling-, wall- or surface-mounted. Consists of a body and supports for installation, to be ordered separately. The body is made of extruded aluminium and includes 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 DALI 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 optics with a plastic (methacrylate) lens for Spot 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)	1.8

Mounting
wall arm|wall surface|ceiling surface

Wiring
Complete with DALI 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 DALI control: IP68 4-pin female connector, IP68 4-pin male connector + closing cap (BZI6), and IP68 4-pin male + female connectors.

Notes
Product complete with LED lamp.

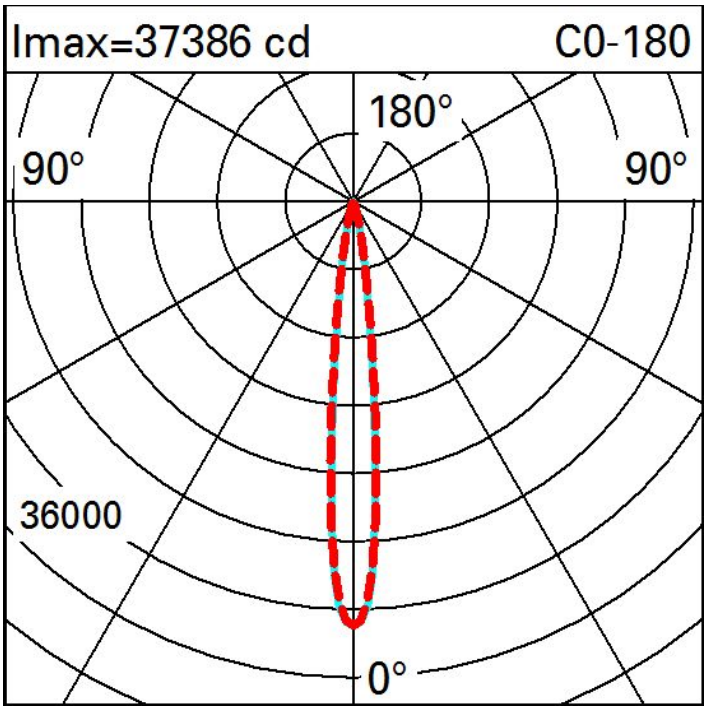
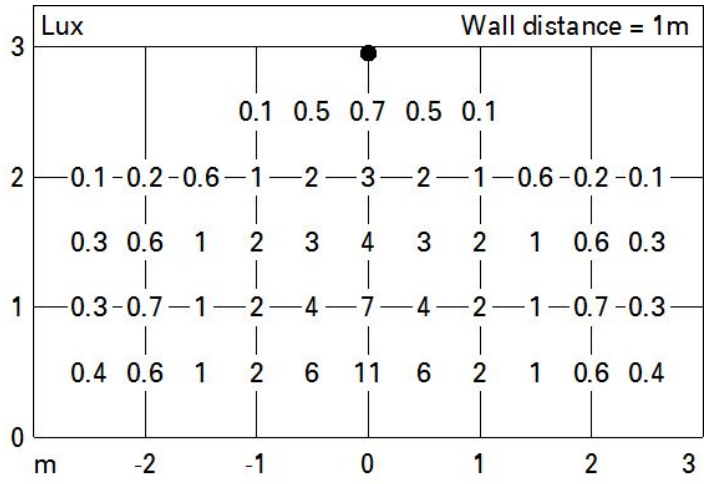
Complies with EN60598-1 and pertinent regulations

IK06 IP66 pending

Technical data

lm system:	2212	MacAdam Step:	3
W system:	24.7	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
lm source:	2800	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W source:	21	Voltage [Vin]:	48
Luminous efficiency (lm/W, real value):	89.6	Lamp code:	LED
lm 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.) [%]:	79	Number of optical assemblies:	1
Beam angle [°]:	12°	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	Control:	DALI-2
Colour temperature [K]:	3000		

Polar



Illuminances