

Last information update: October 2024

Product configuration: EL10

EL10: 47 surface Remote – Warm White – 48 Vdc DALI – L=1205mm – Wall Grazing Medium optic

**Product code**

EL10: 47 surface Remote – Warm White – 48 Vdc DALI – L=1205mm – Wall Grazing Medium optic

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 a PMMA diffusing filter and optics with a plastic (methacrylate) lens for Wall Grazing Medium 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 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 (BZ16), and IP68 4-pin male + female connectors.

Notes

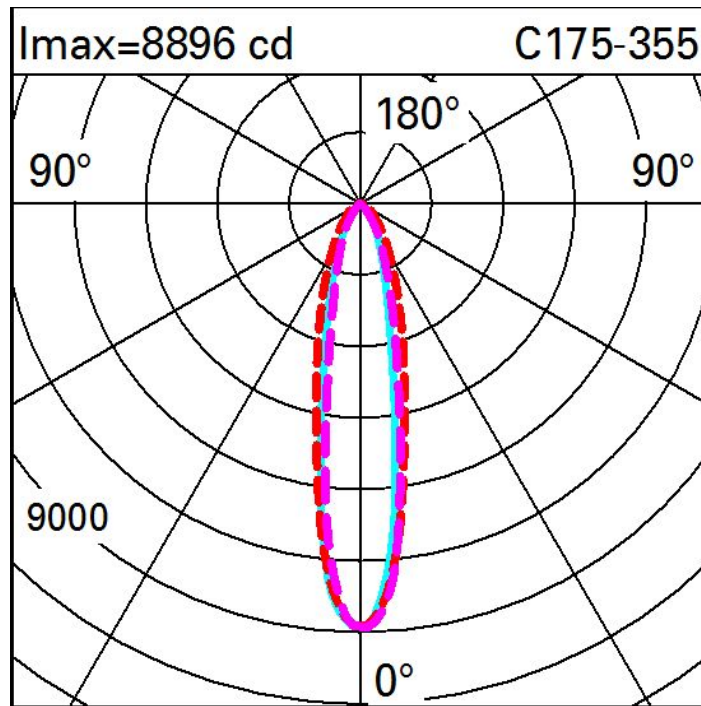
Product complete with LED lamp.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	2808	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):	60	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.) [%]:	54	Number of optical assemblies:	1
CRI (minimum):	80	Intervallo temperatura ambiente:	from -30°C to 50°C.
Colour temperature [K]:	2700	Control:	DALI-2

Polar



Illuminances

Lux												Wall distance = 1m	
3													
	0.5	0.9	2	6	13	18	13	6	2	0.9	0.5		
2	3	6	11	19	32	40	32	19	11	6	3		
	5	8	15	32	62	79	62	32	15	8	5		
1	5	9	18	40	68	88	68	40	18	9	5		
	6	11	21	37	58	77	58	37	21	11	6		
0													
	m	-2	-1		0		1	2	3				