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Last information update: May 2025

Product configuration: EL46

EL46: 47 surface Remote – Neutral White – 48 Vdc DALI – L=611mm – Flood optic



Product code

EL46: 47 surface Remote - Neutral White - 48 Vdc DALI - L=611mm - Flood 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, pretreatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nanostructured 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 Neutral 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 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

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

1.8

Mounting

wall arm|wall surface|ceiling surface

Wiring

83

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















chnical data

Technical data					
Im system:	1624	MacAdam Step:	3		
W system:	24.7	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)		
Im source:	2800	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)		
W source:	21	Voltage [Vin]:	48		
Luminous efficiency (lm/W,	65.7	Lamp code:	LED		
real value):		Number of lamps for optical	1		
Im in emergency mode:	-	assembly:			
Total light flux at or above	0	ZVEI Code:	LED		
an angle of 90° [Lm]:		Number of optical	1		
Light Output Ratio (L.O.R.)		assemblies:			
[%]:		Intervallo temperatura	from -30°C to 50°C.		
Beam angle [°]:	38°	ambiente:			
CRI (minimum):	80	Control:	DALI-2		
Colour temperature [K]:	4000				

Polar

Imax=3222 cd C5	-185 Lux	X				
90° 180°	90° ł	1	d1	d2	Em	Emax
		4	2.8	2.8	153	201
X XIIX	> {	3	5.5	5.5	38	50
3000	12	2	8.3	8.3	17	22
α=38°	16	3	11	11	10	13

