Linealuce

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Product configuration: SR57.15
SR57.15: 47 surface Remote – Warm White – 48 Vdc DALI – L=340mm – Flood optic - 13.5W 754lm - 2700K - Grey

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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. 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 48V dc DALI electronic driver (power supply 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
Grey (15)

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 and 05RN-F 2x1.5mm²+3x0.35mm² rubber outlet cables for pass-through wiring with connectors. Available for electrical connection and DALI control: IP68 4-pin female connector, IP68 4-pin male connector + closing cap, and IP68 4-pin male + female connectors.

Notes

Complete with electronic control card. power supply to be ordered separately. Insulation class II.

Complies with EN60598-1 and pertinent regulations

IK06   IP66   CE   UKCA   QCERT

Technical data

lm system:	754	MacAdam Step:	3
W system:	13.5	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
lm source:	1300	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W source:	10	Voltage [Vin]:	48
Luminous efficiency (lm/W, real value):	55.9	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.) [%]:	58	Number of optical assemblies:	1
Beam angle [°]:	38°	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	Control:	DALI-2
Colour temperature [K]:	2700		

Polar

Imax=1496 cd		C5-185	Lux			
			h	d1	d2	Em	Emax
			4	2.7	2.8	71	93
			8	5.5	5.5	18	23
			12	8.2	8.3	8	10
			16	10.9	11	4	6

α=38°

Isolux

Lux
h=5 m.
α=0°

LED
/
13.5 W

44   18   6   1   0.3   0.1   0.1   0.0   0.0

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