Linealuce

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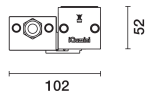
Last information update: June 2025

Product configuration: S577
S577: 47 surface Integral with side box - Tunable white (2700K - 3500K - 5000K) - DALI - L = 1,204mm - Wall Grazing Wide Flood optic

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Technical description
Direct light luminaire, designed to use Tunable White LED lamps (White 2700K, 3500K, 5000K), 220÷240Vac DALI 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 power plate in Tunable White. The product is supplied with a nickel-plated brass PG13.5 single cable gland with H05RN-F 5x1, 5mm2 rubber outlet cable with male IP68 connector. Fitted with a PMMA diffusing filter and optics with a plastic (methacrylate) lens for Wide Flood lighting. All external screws used are made of A2 stainless steel.

Installation
Installation accessories can be purchased separately, including arms (for heights < 3m and heights > 3m) and plates.

Colour	Weight (Kg)
White (01) | Black (04) | Grey (15) | Rust Brown (F5)	4.05

Mounting
wall arm|wall surface

Complies with EN60598-1 and pertinent regulations

IK06   IP66   CE   UKCA   ⊠03   Ⓢ   QCERT

Technical data

lm system:	5147	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
W system:	59.8	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
lm source:	7050	Voltage [Vin]:	230
W source:	51	Lamp code:	LED
Luminous efficiency (lm/W, real value):	86.1	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.) [%]:	73	Intervallo temperatura ambiente:	from -30°C to 50°C.
Colour temperature [K]:	Tunable white 2700 - 5000	Control:	DALI-2

Polar

Imax=14347 cd   C85-265

CIE
nL 0.73
93-99-100-100-73
UGR <10-21.0
DIN
A.61
UTE
0.73A+0.00T
F"1=926
F"1+F"2=991
F"1+F"2+F"3=999