Linealuce

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Product configuration: UE81
UE81: 27 Surface Full Remote - Neutral White - 48 Vdc - L=920mm - General Light No Dot optic

Product code
UE81: 27 Surface Full Remote - Neutral White - 48 Vdc - L=920mm - General Light No Dot optic

Technical description
Direct light linear luminaire, designed to use monochrome LED lamps. The product can be installed using pairs of arms, ceiling/ground/wall-mounting bases, stakes, and pendant rods and cables (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 5mm thick transparent glass screen, fixed with silicone. Complete with Neutral White multi-LED circuit. Both the 48Vdc control card (available in a DMX version and a DALI version) and the power supply must be purchased separately. Supplied with a connector with an IP68 threaded locknut. The products have a double connector (male/female) to allow pass-through wiring and continuous line applications. The product is supplied with a closure cover (UV-resistant) that covers the cables and protects against dirt and UV rays. Fitted with a No Dot optical system. All external screws used are made of A2 stainless steel.

Installation
Installation accessories can be purchased separately, including arms for wall installations at a height of less than 3m, arms for wall installations at a height of more than 3m, bases for ceiling or wall-mounted installations, stakes, and pendant rods and cables.

Colour	Weight (Kg)
White (01) | Black (04) | Grey (15) | Rust Brown (F5)	1.12

Mounting
wall arm|wall surface|ceiling surface

Wiring
Ceiling, wall, surface, stake and pendant installation.

Notes
Supplied with a connector with an IP68 threaded locknut. The products have a double connector (male/female) to allow pass-through wiring and continuous line applications. Both the control card and power supply are remote and must be purchased separately.

Complies with EN60598-1 and pertinent regulations

Technical data

lm system:	549	Life Time LED 1:	100,000h - L85 - B10 (Ta 25°C)
W system:	11.5	Life Time LED 2:	100,000h - L85 - B10 (Ta 40°C)
lm source:	1770	Voltage [Vin]:	48
W source:	8.9	Lamp code:	LED
Luminous efficiency (lm/W, real value):	47.7	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.) [%]:	31	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	LED current [mA]:	40
Colour temperature [K]:	4000	Control:	PWM
MacAdam Step:	3		

Polar

Imax=477 cd		C5-185

Imax=477 cd C5-185

180°

90° 90°

525

0°

CIE
nL 0.31
74-91-99-100-31
UGR 12.5-22.7
DIN
A.61
UTE
0.31B+0.00T
F"1=737
F"1+F"2=914
F"1+F"2+F"3=989