Linealuce

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Product configuration: UG44.15
UG44.15: Linealuce - 16.4W 1122.1lm - Tunable white - Grey

Product code
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Technical description
Direct light linear luminaire, designed to use Tunable White (2700K | 4000K) 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 Tunable White (2700K | 4000K) 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 an Opti Beam Lens optical system with a Wall Grazing Medium optic. 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)
Grey (15)	1.38

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:	1122	MacAdam Step:	3
W system:	16.4	Life Time LED 1:	100,000h - L85 - B10 (Ta 25°C)
lm source:	2290	Life Time LED 2:	100,000h - L85 - B10 (Ta 40°C)
W source:	12	Voltage [Vin]:	48
Luminous efficiency (lm/W, real value):	68.4	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.) [%]:	49	Number of optical assemblies:	1
CRI (minimum):	80	Intervallo temperatura ambiente:	from -30°C to 50°C.
Rf (Colour Fidelity Index):	86	LED current [mA]:	40
Rg (Gamut Index):	96	Control:	PWM
Colour temperature [K]:	Tunable white 2700 - 4000		

Polar

Imax=2182 cd · C0-180

180°

90° · 90°

2000

0°

CIE
nL 0.49
79-93-99-100-49
UGR 16.7-18.4
DIN
A.61
UTE
0.49B+0.00T
F"1=790
F"1+F"2=931
F"1+F"2+F"3=988