Linealuce

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Product configuration: 907C.15
907C.15: 27 Recessed Full Remote – Warm White – 48Vdc – L=1538mm – Wall Grazing Medium optic - 18.9W 1176lm - 2200K - Grey

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Technical description
Direct light linear luminaire, designed to use monochrome LED lamps. For ground, wall and ceiling installations, the product requires an outer casing (to be purchased separately). The outer casing is not required for installations in panelled walls and ceilings. 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 8mm thick transparent glass screen, fixed with silicone. Complete with Warm White multi-LED circuit. Both the control card (available in a DMX-RDM and DALI version) and the power supply must be purchased separately. Supplied with a connector with an IP68 threaded locknut. 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
The outer casing (to be purchased separately) is required for recessed floor, wall and ceiling installations. The outer casing is not required for installations in panelled walls and ceilings. For floor installations a drainage channel must be constructed or gravel inserted for drainage under the outer casing before installation, to guarantee the required IP protection rating. For ceiling installations with plasterboard panels (1-30 mm thick), make the preparation openings as indicated in the instructions sheet and use the steel cables with reinforcement plates in the accessory kit.

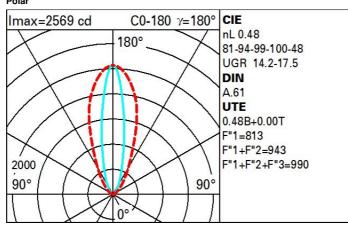| Colour	Weight (Kg)
Grey (15)	2.3

Mounting
wall recessed|Floor recessed|ceiling recessed|ground recessed

Complies with EN60598-1 and pertinent regulations

III | IK09 | 500 kg | IP66 | 1m IP68

Complete immersion for limited periods, not suitable for use in swimming pools or fountains. The lighting fixtures were designed and tested to withstand a static load of up to 5000 N.

Technical data

lm system:	1176	MacAdam Step:	3
W system:	18.9	Life Time LED 1:	100,000h - L85 - B10 (Ta 25°C)
lm source:	2450	Life Time LED 2:	100,000h - L85 - B10 (Ta 40°C)
W source:	15	Voltage [Vin]:	48
Luminous efficiency (lm/W, real value):	62.2	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	1176	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	48	Number of optical assemblies:	1
CRI (minimum):	80	Intervallo temperatura ambiente:	from -20°C to +35°C. (*)
Rf (Colour Fidelity Index):	87	LED current [mA]:	40
Rg (Gamut Index):	97	Control:	PWM
Colour temperature [K]:	2200		

* Preliminary data

Polar

Imax=2569 cd C0-180 γ=180°

CIE
nL 0.48
81-94-99-100-48
UGR 14.2-17.5
DIN
A.61
UTE
0.48B+0.00T
F"1=813
F"1+F"2=943
F"1+F"2+F"3=990