

Last information update: May 2025

Product configuration: S981

S981: 27 surface Full Remote - Warm White - 48 Vdc - L=625mm - Spot Elliptical

**Product code**

S981: 27 surface Full Remote - Warm White - 48 Vdc - L=625mm - Spot Elliptical

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 Warm 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 an Opti Beam Lens optical system with a Spot Elliptical. 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

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

0.76

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**

Im system:	563	MacAdam Step:	3
W system:	7.7	Life Time LED 1:	100,000h - L85 - B10 (Ta 25°C)
Im source:	970	Life Time LED 2:	100,000h - L85 - B10 (Ta 40°C)
W source:	6	Voltage [Vin]:	48
Luminous efficiency (Im/W, real value):	73.1	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]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	58	Number of optical assemblies:	1
Beam angle [°]:	22° / 60°	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	LED current [mA]:	40
Colour temperature [K]:	2200	Control:	PWM

Polar

Imax=1069 cd		C85-265		Lux	
h	d1	d2	Em	Emax	
2	0.8	2.3	192	267	
4	1.6	4.6	48	67	
6	2.4	6.9	21	30	
8	3.2	9.2	12	17	

$\alpha = 22^\circ / 60^\circ$

Isolux

