

Last information update: May 2025

Product configuration: S966

S966: 27 surface Full Remote - Warm White - 48 Vdc - L=329mm - Spot optic

**Product code**

S966: 27 surface Full Remote - Warm White - 48 Vdc - L=329mm - Spot 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 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 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 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

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

Weight (Kg)

0.42

Mounting

wall arm|wall surface|ceiling surface

Wiring

Ceiling, wall, surface, stake and pendant installation.

Notes

Both the control card and power supply are remote and must be purchased separately.

Complies with EN60598-1 and pertinent regulations



IK06

IP66

**Technical data**

| | | | |
|--|------|---------------------------------------|--------------------------------|
| Im system: | 358 | MacAdam Step: | 3 |
| W system: | 3.9 | Life Time LED 1: | 100,000h - L85 - B10 (Ta 25°C) |
| Im source: | 550 | Life Time LED 2: | 100,000h - L85 - B10 (Ta 40°C) |
| W source: | 3 | Voltage [Vin]: | 48 |
| Luminous efficiency (Im/W, real value): | 91.7 | 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.) [%]: | 65 | Number of optical assemblies: | 1 |
| Beam angle [°]: | 10° | Intervallo temperatura ambiente: | from -30°C to 50°C. |
| CRI (minimum): | 80 | LED current [mA]: | 40 |
| Colour temperature [K]: | 2700 | Control: | PWM |

Polar

| Imax=2118 cd | | C0-180 | | Lux | | | | |
|-------------------------------------|------|--------|--|-----|-----|-----|-----|------|
| 90° | 180° | 90° | | h | d1 | d2 | Em | Emax |
| 2000 $\alpha = 11^\circ$ | | | | 2 | 0.4 | 0.3 | 412 | 530 |
| | | | | 4 | 0.7 | 0.7 | 103 | 132 |
| | | | | 6 | 1.1 | 1 | 46 | 59 |
| | | | | 8 | 1.5 | 1.4 | 26 | 33 |

Utilisation factors

| R | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
|------|----|----|----|----|----|----|----|----|-----|
| K0.8 | 56 | 52 | 50 | 48 | 52 | 50 | 49 | 47 | 72 |
| 1.0 | 59 | 56 | 53 | 52 | 55 | 53 | 53 | 50 | 77 |
| 1.5 | 63 | 60 | 58 | 57 | 60 | 58 | 57 | 55 | 85 |
| 2.0 | 65 | 63 | 62 | 60 | 62 | 61 | 60 | 58 | 90 |
| 2.5 | 66 | 65 | 64 | 63 | 64 | 63 | 62 | 60 | 93 |
| 3.0 | 67 | 66 | 65 | 65 | 65 | 64 | 64 | 62 | 95 |
| 4.0 | 68 | 67 | 67 | 66 | 66 | 66 | 65 | 63 | 97 |
| 5.0 | 69 | 68 | 68 | 67 | 67 | 67 | 66 | 64 | 98 |

Luminance curve limit

