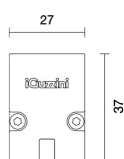


Last information update: July 2025

**Product configuration: S972**

S972: 27 surface Full Remote - Neutral White - 48 Vdc - L=625mm - Wall Spot optic

**Product code**

S972: 27 surface Full Remote - Neutral White - 48 Vdc - L=625mm - Wall 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 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 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)**

0.76

**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**

|                                                    |      |                                       |                                |
|----------------------------------------------------|------|---------------------------------------|--------------------------------|
| lm system:                                         | 767  | MacAdam Step:                         | 3                              |
| W system:                                          | 7.7  | Life Time LED 1:                      | 100,000h - L85 - B10 (Ta 25°C) |
| lm source:                                         | 1180 | Life Time LED 2:                      | 100,000h - L85 - B10 (Ta 40°C) |
| W source:                                          | 6    | Voltage [Vin]:                        | 48                             |
| Luminous efficiency (lm/W, real value):            | 99.6 | 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.) [%]:                   | 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]:                            | 4000 | Control:                              | PWM                            |

**Polar**

| Imax=4545 cd C0-180 |      | Lux |         |     |     |          |
|---------------------|------|-----|---------|-----|-----|----------|
| 90°                 | 180° | 90° | h       | d1  | d2  | Em Emax  |
|                     |      |     | 2       | 0.4 | 0.3 | 883 1136 |
|                     |      |     | 4       | 0.7 | 0.7 | 221 284  |
|                     |      |     | 6       | 1.1 | 1   | 98 126   |
|                     |      |     | 8       | 1.5 | 1.4 | 55 71    |
|                     |      |     | α = 11° |     |     |          |

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

