

Last information update: May 2025

Product configuration: UF94

UF94: 27 Surface Full Remote - Warm White - 48 Vdc - L=920mm - Wall Grazing Wide Flood optic - Microlouvre

**Product code**

UF94: 27 Surface Full Remote - Warm White - 48 Vdc - L=920mm - Wall Grazing Wide Flood optic - Microlouvre

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. The product is fitted with a black-painted, copper alloy microlouvre to increase visual comfort while maintaining uniformity. 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 Wide Flood 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)

1.12

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: | 445 | Life Time LED 1: | 100,000h - L85 - B10 (Ta 25°C) |
| W system: | 11.5 | Life Time LED 2: | 100,000h - L85 - B10 (Ta 40°C) |
| Im source: | 1460 | Voltage [Vin]: | 48 |
| W source: | 8.9 | Lamp code: | LED |
| Luminous efficiency (Im/W, real value): | 38.7 | Number of lamps for optical assembly: | 1 |
| Im in emergency mode: | - | ZVEI Code: | LED |
| Total light flux at or above an angle of 90° [Lm]: | 0 | Number of optical assemblies: | 1 |
| Light Output Ratio (L.O.R.) [%]: | 31 | Intervallo temperatura ambiente: | from -30°C to 50°C. |
| CRI (minimum): | 80 | LED current [mA]: | 40 |
| Colour temperature [K]: | 2200 | Control: | PWM |
| MacAdam Step: | 3 | | |

Polar

