Linealuce

Design Jean-Michel Wilmotte   **iGuzzini**

Last information update: May 2025

Product configuration: UF68

UF68: 27 Surface Full Remote - Warm White - 48 Vdc - L=329mm - Wall Grazing Spot optic - Microlouvre

Product code

UF68: 27 Surface Full Remote - Warm White - 48 Vdc - L=329mm - Wall Grazing Spot 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 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 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	Weight (Kg)
White (01) | Black (04) | Grey (15) | Rust Brown (F5)	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

III | IK06 | IP66 | CE | UKCA | ⟨03⟩ | §| QCERT | NOM | PEP eco PASS PORT

Technical data

lm system:	169	Life Time LED 1:	100,000h - L85 - B10 (Ta 25°C)
W system:	3.9	Life Time LED 2:	100,000h - L85 - B10 (Ta 40°C)
lm source:	490	Voltage [Vin]:	48
W source:	3	Lamp code:	LED
Luminous efficiency (lm/W, real value):	43.3	Number of lamps for optical assembly:	1
lm 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.) [%]:	35	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

Imax=656 cd   C145-325

CIE
nL 0.34
81-94-99-100-34
UGR 13.9-15.1

DIN
A.61

UTE
0.34B+0.00T
F"1=813
F"1+F"2=942
F"1+F"2+F"3=989

CIBSE
LG3 L<3000 cd/m² at 65°
UGR<16 | L<3000 cd/mq @