

Last information update: June 2025

Product configuration: UG48

UG48: 27 Surface Full Remote - 48Vdc – L=1216mm – Wall Grazing Wide Flood optic

**Product code**

UG48: 27 Surface Full Remote - 48Vdc – L=1216mm – Wall Grazing Wide Flood optic

Technical description

Direct light linear luminaire, designed to use Tunable Warm (2200K | 3000K) 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 Tunable Warm (2200K | 3000K) 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 Wall Grazing 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)

1.38

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:	954.0	Life Time LED 1:	100,000h - L85 - B10 (Ta 25°C)
W system:	16.4	Life Time LED 2:	100,000h - L85 - B10 (Ta 40°C)
Im source:	2120	Voltage [Vin]:	48
W source:	12	Lamp code:	LED
Luminous efficiency (Im/W, real value):	58.17	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]:	0.0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	45	Wavelength [nm]:	0
Beam angle [°]:	26° / 60°	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI:	80	LED current [mA]:	0.04
Colour temperature [K]:	Tunable warm	Control:	PWM
MacAdam Step:	3		