

Last information update: April 2025

**Product configuration: SF50**

SF50: 27 surface Full Remote - RGBW (W=3000K) - 48 Vdc - L=1,216mm - Spot optic

**Product code**

SF50: 27 surface Full Remote - RGBW (W=3000K) - 48 Vdc - L=1,216mm - Spot optic

**Technical description**

Direct light linear luminaire, designed to use LED RGBW (W=3000K) 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 RGBW (W=3000K) 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 a Spot optic system. 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

**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. Life Time with only white LEDs ON: 100,000h - L85 - B10 (Ta 25°C) Life Time with only white LEDs ON: 100,000h - L85 - B10 (Ta 40°C) Life Time with only RGB ON: 31,000h - L70 - B50 (Ta 25°C) Life Time with only n.1 coloured LEDs ON: 45,000h - L70 - B50 (Ta 25°C).

Complies with EN60598-1 and pertinent regulations

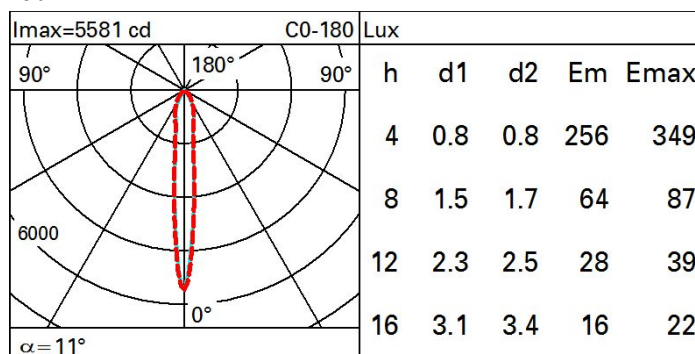


IK06

IP66

**Technical data**

Im system:	1035	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
W system:	16.2	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
Im source:	1670	Voltage [Vin]:	48
W source:	13	Lamp code:	LED
Luminous efficiency (Im/W, real value):	63.9	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.) [%]:	62	Intervallo temperatura ambiente:	from -30°C to 50°C.
Beam angle [°]:	11°	LED current [mA]:	45
CRI (typical):	82	Control:	PWM
Colour temperature [K]:	RGBW - 3000K		

**Polar**

# Isolux

