

Last information update: April 2025

Product configuration: 831C.15

831C.15: 27 Recessed Full Remote – Warm White – 48Vdc – L=947mm – General Light No Dot optic - 11.4W 487.2lm - 2700K - Grey

**Product code**

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Technical description

Direct light linear luminaire, designed to use monochrome LED lamps. For ground, wall and ceiling installations, the product requires an outer casing (to be purchased separately). The outer casing is not required for installations in panelled walls and ceilings. 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 8mm thick transparent glass screen, fixed with silicone. Complete with Warm White multi-LED circuit. Both the control card (available in a DMX-RDM and DALI version) and the power supply must be purchased separately. Supplied with a connector with an IP68 threaded locknut. Fitted with a No Dot optical system. All external screws used are made of A2 stainless steel.

Installation

The outer casing (to be purchased separately) is required for recessed floor, wall and ceiling installations. The outer casing is not required for installations in panelled walls and ceilings. For floor installations a drainage channel must be constructed or gravel inserted for drainage under the outer casing before installation, to guarantee the required IP protection rating. For ceiling installations with plasterboard panels (1-30 mm thick), make the preparation openings as indicated in the instructions sheet and use the steel cables with reinforcement plates in the accessory kit.

**Colour**

Grey (15)

Weight (Kg)

1.4

Mounting

wall recessed|Floor recessed|ceiling recessed|ground recessed

Complies with EN60598-1 and pertinent regulations



IK09



IP67

The lighting fixtures were designed and tested to withstand a static load of up to 5000 N.

Technical data

lm system:	487	Life Time LED 1:	100,000h - L85 - B10 (Ta 25°C)
W system:	11.4	Life Time LED 2:	100,000h - L85 - B10 (Ta 40°C)
lm source:	1680	Voltage [Vin]:	48
W source:	9	Lamp code:	LED
Luminous efficiency (lm/W, real value):	42.7	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]:	487	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	29	Intervallo temperatura ambiente:	from -20°C to +35°C. (*)
CRI (minimum):	80	LED current [mA]:	40
Colour temperature [K]:	2700	Control:	PWM
MacAdam Step:	3		

* Preliminary data

Polar
