

Last information update: March 2025

**Product configuration: SR47.15**

SR47.15: 47 surface Integral – 220÷240Vac DMX512-RDM – L=340mm – Flood optic - 17.6W 945lm - Tunable white - Grey

**Product code**

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**Technical description**

Direct light luminaire, designed to use LED TW lamps (White 2700K, 3500K, 5000K), 220÷240Vac DALI dimmable with searching and addressing function. Ceiling, wall or surface-mounted. It consists of a body and installation brackets 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 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED plate in Tunable White and a 220÷240Vac DALI electronic driver (power supply included). Supplied with a double PG11 and outlet cables for pass-through wiring with IP68 male/female joiners. Fitted with optics with a plastic (methacrylate) lens for Flood lighting. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and particular requirements.

**Installation**

Accessories are available for installation, like adjustable AISI304 stainless steel wall-mounted arms.

**Colour**

Grey (15)

**Mounting**

wall arm|wall surface|ceiling surface

**Wiring**

Complete with DMX-RDM control card and a 220-240V ac electronic ballast. The product is supplied with a nickel-plated brass PG11 double cable gland with H07RN-F 5x1, 5mm<sup>2</sup> rubber outlet cables for pass-through wiring with male and female IP68 connectors. Available for electrical connection and DMX-RDM control: IP68 5-pin female connector, IP68 5-pin male connector + closing cap (BZI6), and IP68 5-pin male + female connectors.

**Notes**

Product complete with LED lamp. DMX specifications require the insertion of a 120 Ohm terminating resistor to be placed between the DATA+ and DATA- cables of the last product in the line (BZQ7).

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	945	Colour temperature [K]:	Tunable white 2700 - 5000
W system:	17.6	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
Im source:	1750	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W source:	13	Voltage [Vin]:	230
Luminous efficiency (Im/W, real value):	53.7	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	54	Number of optical assemblies:	1
Beam angle [°]:	38°	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	Control:	DMX-RDM

**Polar**

Imax=1775 cd		C85-265		Lux				
				h	d1	d2	Em	Emax
				4	2.8	2.8	86	111
				8	5.6	5.5	21	28
				12	8.4	8.3	10	12
				16	11.2	11	5	7
α = 39°								

# Isolux

