Linealuce

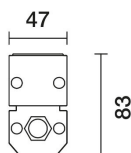**Design Jean-Michel Wilmotte** **iGuzzini**

Last information update: May 2025

Product configuration: SR88.15
SR88.15: 47 surface Remote – 48 Vdc DMX512-RDM – L=340mm – Wall Grazing Wide Flood optic - 15.1W 651.2lm - RGBW - 4000K - Grey

Product code
SR88.15: 47 surface Remote – 48 Vdc DMX512-RDM – L=340mm – Wall Grazing Wide Flood optic - 15.1W 651.2lm - RGBW - 4000K - Grey

Technical description
Direct light luminaire, designed to use RGBW LED lamps, (W=4000K), 48Vdc DMX512- RDM 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 RGBW colour and a 48V dc DMX512-RDM electronic driver (power supply to be ordered separately). Supplied with a double PG11 and outlet cables for pass-through wiring with IP68 male/female joiners. Fitted with a PMMA diffusing filter and optics with a plastic (methacrylate) lens for Wall Grazing Wide 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 44÷52Vdc control card. The product is supplied with a nickel-plated brass PG11 double cable gland and 05RN-F 2x1.5mm²+3x0.35mm² rubber outlet cables for pass-through wiring with connectors (illegible part). 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).
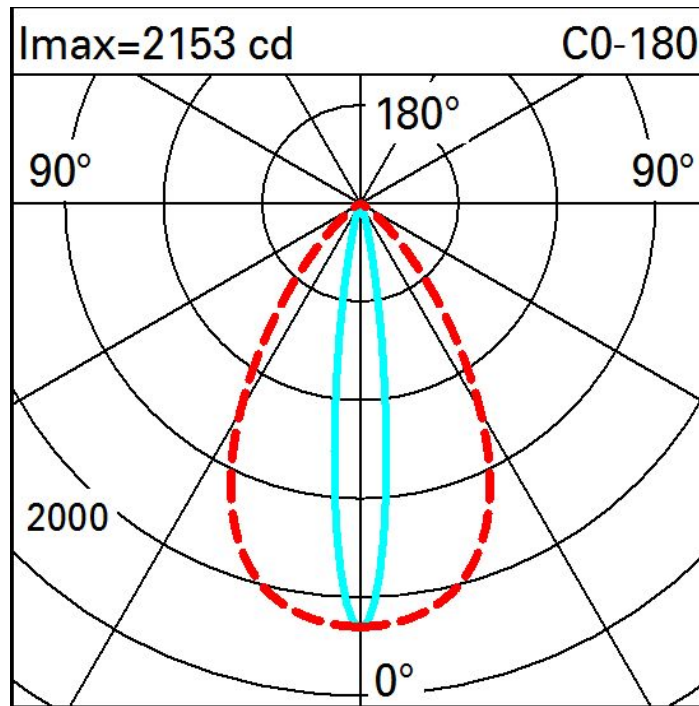Complete with electronic control card. power supply to be ordered separately.

Complies with EN60598-1 and pertinent regulations

IK06 IP66 CE UKCA

Technical data

lm system:	651	Life Time LED 1:	86,000h - L80 - B10 (Ta 25°C)
W system:	15.1	Life Time LED 2:	81,000h - L80 - B10 (Ta 40°C)
lm source:	880	Voltage [Vin]:	48
W source:	11	Lamp code:	LED
Luminous efficiency (lm/W, real value):	43.1	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.) [%]:	74	Intervallo temperatura ambiente:	from -30°C to 50°C.
Colour temperature [K]:	RGBW - 4000K	Control:	DMX-RDM

Polar

Imax=2153 cd   C0-180

180°

90°   90°

2000

0°

Illuminances

Lux									Wall distance = 1m

```
        Lux                              Wall distance = 1m
    3
           0.1  0.3  0.6   1    2    1   0.6  0.3  0.1
    2  -0.2-0.4-0.8 -1 - 2 - 3 - 2 - 1 -0.8-0.4-0.2-
           0.4  0.6   1    2    3    3    3    2    1   0.6  0.4
    1  -0.5-0.8 -1 - 2 - 2 - 3 - 2 - 2 - 1 -0.8-0.5-
           0.5  0.9   1    2    2    2    2    2    1   0.9  0.5
    0
        m         -2        -1         0         1         2         3
```