Linealuce

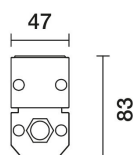**Design Jean-Michel Wilmotte**   **iGuzzini**

Last information update: March 2025

Product configuration: SR31.15

SR31.15: 47 surface Integral – Neutral White – 220÷240Vac DALI – L=340mm – Wall Grazing Wide Flood optic - 14.9W 1022lm - 4000K - Grey

Product code

SR31.15: 47 surface Integral – Neutral White – 220÷240Vac DALI – L=340mm – Wall Grazing Wide Flood optic - 14.9W 1022lm - 4000K - Grey

Technical description

Direct light luminaire, designed to use monochrome LED lamps, DALI 220÷ 240Vac 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 Neutral 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 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

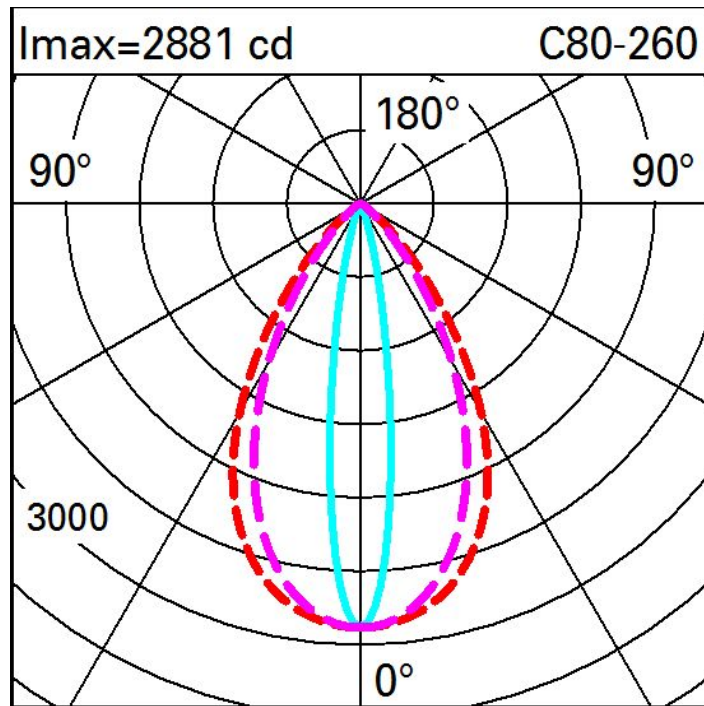wall arm|wall surface|ceiling surface

Wiring

Complete with DALI control card and a 220÷240Vac electronic power supply. The product is supplied with a nickel-plated brass PG11 double cable gland with H07RN-F 4x1, 5mm² rubber outlet cables for pass-through wiring with male and female IP68 connectors. Available for electrical connection and DALI control: IP68 5-pin female connector, IP68 5-pin male connector + closing cap (BZI6), and IP68 5-pin male + female connectors.

Complies with EN60598-1 and pertinent regulations

IK06   IP66   CE   UKCA   [S]   Q CERT   pending   pending

Technical data

lm system:	1022	MacAdam Step:	3
W system:	14.9	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
lm source:	1400	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W source:	10	Voltage [Vin]:	230
Luminous efficiency (lm/W, real value):	68.6	Lamp code:	LED
lm 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.) [%]:	73	Number of optical assemblies:	1
CRI (minimum):	80	Intervallo temperatura ambiente:	from -30°C to 50°C.
Colour temperature [K]:	4000	Control:	DALI-2

Polar

Imax=2881 cd — C80-260

180° 90° 90° 3000 0°

Illuminances

Lux									Wall distance = 1m

m	-2	-1	0	1	2	3

0.1 0.3 0.7 1.0 0.7 0.3 0.1

0.2 0.4 0.8 1 2 2 2 1 0.8 0.4 0.2

0.5 0.9 1 2 3 3 3 2 1 0.9 0.5

0.8 1 2 3 3 3 3 3 2 1 0.8

1 2 3 4 4 4 4 4 3 2 1