Linealuce

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Last information update: February 2025

Product configuration: EY73.15
EY73.15: 47 surface Integral – Neutral White – 220÷240 Vac DMX512-RDM – L=908mm - WallGrazing WideFlood optic - 39.2W 3066lm - 4000K - Grey

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Technical description
Direct light luminaire, designed to use monochrome LED lamps, DMX512-RDM 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 DMX512-RDM electronic driver (ballast included). 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 WideFlood 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.

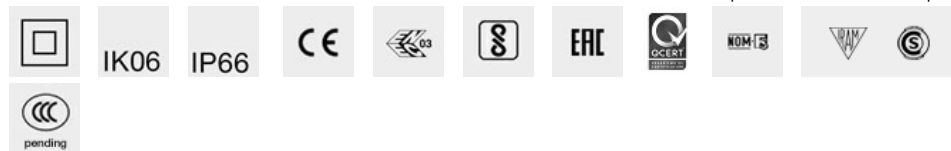| Colour	Weight (Kg)
Grey (15)	2.6

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, 5mm² 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.
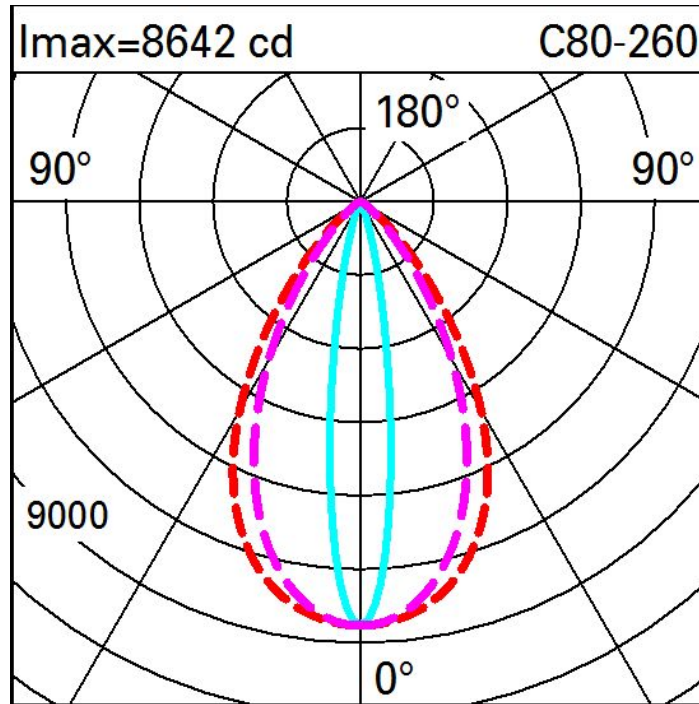
Notes
Product complete with LED lamp. DMX specifications require the insertion of a 120 Ohm terminating resistor to be placed between the DATA+ and DATA- cables of the last product in the line (BZQ7).

Complies with EN60598-1 and pertinent regulations

IK06   IP66   CE   EAC   Q CERT   NOM   CCC pending

Technical data

lm system:	3066	MacAdam Step:	3
W system:	39.2	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
lm source:	4200	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W source:	31	Voltage [Vin]:	230
Luminous efficiency (lm/W, real value):	78.2	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:	DMX-RDM

Polar

Imax=8642 cd   C80-260

180°

90°   90°

9000

0°

Illuminances

Lux								Wall distance = 1m		
0.1	0.2	0.4	1	2	3	2	1	0.4	0.2	0.1
0.7	1	2	4	6	7	6	4	2	1	0.7
1	3	4	6	8	8	8	6	4	3	1
3	4	6	8	9	10	9	8	6	4	3
4	7	9	11	11	13	11	11	9	7	4

m	-2	-1	0	1	2	3