Linealuce

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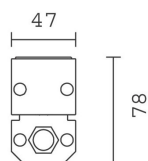
Last information update: June 2018

Mini47 – Wall/Ceiling-mounted – Warm White – 48 Vdc DMX512-RDM – L=1205mm – Wall Grazing Medium optic

Product code
EG15

Technical description
Direct light luminaire, designed to use monochrome LED lamps, DMX512-RDM 48Vdc dimmable with searching and addressing function. Ceiling-, wall- or surface-mounted. Consists of a body and supports for installation, 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 Warm White and a 48V dc DMX512-RDM electronic driver (ballast to be ordered separately). Supplied with a double PG13.5 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 Medium 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.

Dimension (mm)
1205x47x77

Colour
Grey (15)

Weight (Kg)
3.29

Mounting
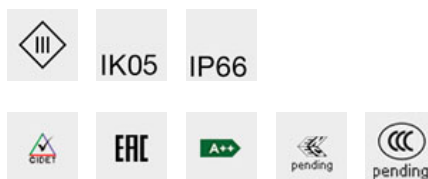wall arm|wall surface|ceiling surface

Wiring
Complete with DMX-RDM 44÷52Vdc control card. The product is supplied with a nickel-plated brass PG13.5 double cable gland with H07RN-F 5x1.5mm² rubber outlet cables for pass-through wiring with joiners (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).

Complies with EN60598-1 and pertinent regulations

III	IK05	IP66

CIBET	EAC	A++	pending	pending

Product configuration: EG15

Product characteristics

Total lighting output [Lm]: 2980	Total luminous flux at or above an angle of 90° [Lm]: 0
Total power [W]: 45.9	Emergency luminous flux [Lm]: /
Luminous efficacy [Lm/W]: 64.9	Voltage [V]: 48
Life Time: 100,000h - L80 - B10 (Ta 25°C)	Life Time: 100,000h - L80 - B10 (Ta 40°C)
Ambient temperature range: from -20°C to +35°C. (*)	Number of optical assemblies: 1

* Preliminary data

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 59	Number of lamps for optical assembly: 1
Lamp code: LED	Socket: /
ZVEI Code: LED	Ballast losses [W]: 3.9
Nominal power [W]: 42	Colour temperature [K]: 3000
Nominal luminous [Lm]: 5050	CRI: 80
Lamp maximum intensity [cd]: /	Wavelength [Nm]: /
Beam angle [°]: /	MacAdam Step: 3

Polar

Imax=14608 cd   C0-180

180°

90°   90°

15000

0°

CIE
nL 0.59
90-98-100-100-59
UGR 10.4-16.1
DIN
A.61
UTE
0.59A+0.00T
F"1=904
F"1+F"2=977
F"1+F"2+F"3=997