## Linealuce

Design Jean-Michel iGuzzini Wilmotte

Last information update: October 2024

## **Product configuration: EY46**

EY46: 47 recessed Remote - Warm White - 48 Vdc DMX512-RDM - L=1204mm - Wide Flood optic - Non-slip glass cover

# Product code

EY46: 47 recessed Remote - Warm White - 48 Vdc DMX512-RDM - L=1204mm - Wide Flood optic - Non-slip glass cover

### Technical description

Direct light luminaire, designed to use monochrome LED lamps, DMX512-RDM 48Vdc dimmable with searching and addressing function and non-slip glass cover. Ground-, wall- and ceiling-recessed. Option of installation in continuous lines of up to a max length of 10.5m only for ground-recessed installation. Made up of a body, end caps, an outer casing and caps to be ordered separately. Extruded aluminium body, with die-cast aluminium end caps complete with silicone seals. The painting process includes 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. Lower PPS (polyphenylene sulfide) box for control gear. The top of the optical assembly is closed by an 8 mm thick, non-slip glass screen (conforming to class R13 in accordance with DIN 51130), fixed with silicone. Complete with monochrome multi-LED plate and a 48V dc DMX512-RDM electronic driver (ballast to be ordered separately). Fitted with optics with a plastic (methacrylate) lens. At the bottom of the optical assembly there is a PPS (polyphenylene sulfide) box fitted with wo nickel-plated brass cable glands PG11 and outlet cables for pass-through wiring (connectors to be ordered separately). To fix the optical assembly to the outer casing or false ceiling the product has a quick coupling system using an Allen key. All external screws used are made of A2 stainless steel.

#### Installation

Ground- and wall-recessed using the outer casing, to be ordered separately, together with the end caps for the optical assembly and outer casing caps. Option of installation in continuous lines of up to a max length of 10.5m only for ground-recessed installation: in this case, too, the joints for the outer casings must be ordered separately. For ground installation a drainage channel must be created or gravel inserted for drainage under the outer casing before installation, to guarantee the degree of protection stated. For ceiling-mounting with plasterboard panels (1-30 mm thick), make the preparation openings as indicated in the instructions sheet and use the steel cables with reinforcement plates in the accessory kit.

# Colour Weight (Kg) White (01) | Black (04) | Grey (15) | Rust Brown (F5) 5.1

## Mounting

wall recessed|Floor recessed|ceiling recessed

### Wiring

Complete with 44-52Vdc DMX-RDM control card. For the electrical connection the product has a lower box with two nickel-plated brass cable glands PG11 and 05RN-F 2x1,5mm²+3x0,35mm² outlet cables for pass-through wiring (connectors to be ordered separately).

## 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).



Technical data					
Im system:	1736	MacAdam Step:	3		
W system:	39.2	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)		
Im source:	4450	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)		
W source:	34	Voltage [Vin]:	48		
Luminous efficiency (lm/W,	44.3	Lamp code:	LED		
real value):		Number of lamps for optical	1		
Im in emergency mode:	-	assembly:			
Total light flux at or above	1736 39	ZVEI Code:	LED		
an angle of 90° [Lm]:		Number of optical	1		
Light Output Ratio (L.O.R.)		assemblies:			
[%]:		Intervallo temperatura	from -30°C to 50°C.		
Beam angle [°]:	48°	ambiente:			
CRI (minimum):	80	LED current [mA]:	500		
Colour temperature [K]:	2700	Control:	DMX-RDM		



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# Polar

Imax=1567 cd	C25-205 γ=179°	Lux				
	180°	h	d1	d2	Em	Emax
		4	3.6	3.6	73	98
		8	7.1	7.1	18	24
90°	90°	12	10.7	10.7	8	11
1000 α=48°	0°	16	14.2	14.2	5	6