

Last information update: May 2025

Product configuration: EY48

EY48: 47 surface Integral – Neutral White – 220÷240 Vac DMX512-RDM – L=611mm - WallGrazing Spot optic

**Product code**EY48: 47 surface Integral – Neutral White – 220÷240 Vac DMX512-RDM – L=611mm - WallGrazing Spot optic **Attention! Code no longer in production****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). Fitted with a PMMA diffusing filter and optics with a plastic (methacrylate) lens for Wall Grazing Spot 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

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

1.8

Mounting

wall arm|wall surface|ceiling surface

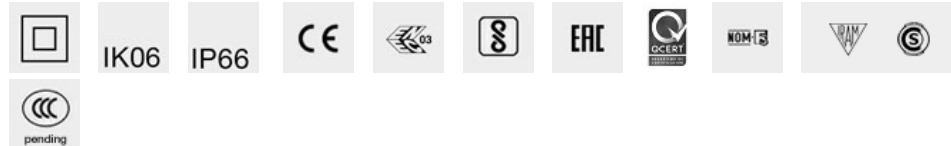
Wiring

Complete with DMX-RDM control card and a 220-240V ac electronic ballast. The product is supplied with a nickel-plated brass PG11 single cable gland with H05RN-F 5x1,5mm² rubber outlet cable with male IP68 connector. Available for electrical connection and DMX-RDM control: IP68 5-pin female connector, IP68 5-pin male + female connector, and IP68 3-way, 5-pin male/female 250/400 V junction connector for DMX.

Notes

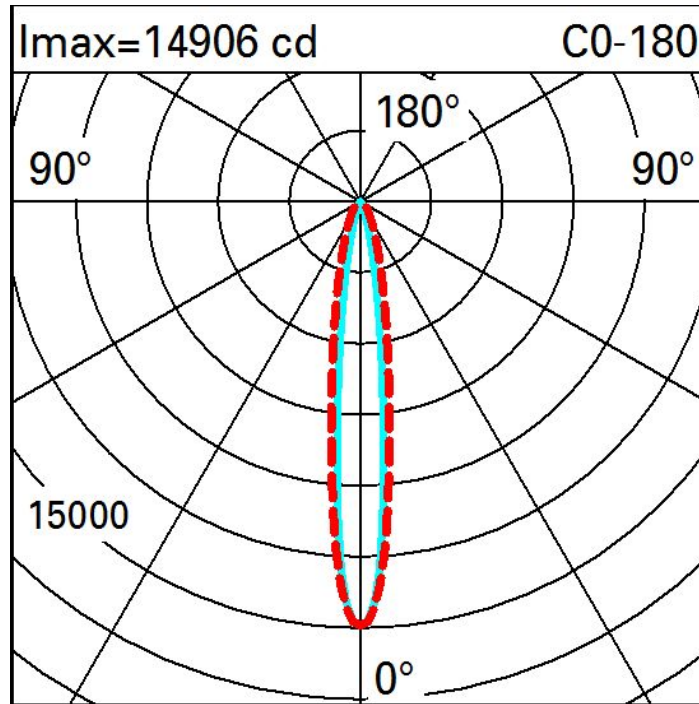
Product complete with LED lamp. DMX specifications require the insertion of a 120 Ohm terminating resistor to be placed between the DATA+ and DATA- cables of the last product in the line (BZQ7).

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	1848	MacAdam Step:	3
W system:	27.8	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
Im source:	2800	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W source:	21	Voltage [Vin]:	230
Luminous efficiency (Im/W, real value):	66.5	Lamp code:	LED
Im 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.) [%]:	66	Number of optical assemblies:	1
CRI (minimum):	80	Intervall temperatura ambiente:	from -30°C to 50°C.
Colour temperature [K]:	4000	Control:	DMX-RDM

Polar



Illuminances

Lux												Wall distance = 1m	
3													
	0.2	0.5	1	3	7	10	7	3	1	0.5	0.2		
2	1	2	4	8	13	17	13	8	4	2	1		
	2	3	5	8	14	17	14	8	5	3	2		
1	2	3	5	8	14	19	14	8	5	3	2		
	2	3	5	8	14	19	14	8	5	3	2		
0													
	m	-2	-1	0	1	2	3						