

Last information update: May 2025

Product configuration: EY90

EY90: 47 surface Integral – 220÷240Vac DMX512-RDM – L=1502mm - WallGrazing WideFlood optic

**Product code**EY90: 47 surface Integral – 220÷240Vac DMX512-RDM – L=1502mm - WallGrazing WideFlood optic **Attention! Code no longer in production****Technical description**

Direct light luminaire, designed to use RGBW 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 RGBW colour 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

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

Weight (Kg)

4.1

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 (BZ16), and IP68 5-pin male + female connectors.

Notes

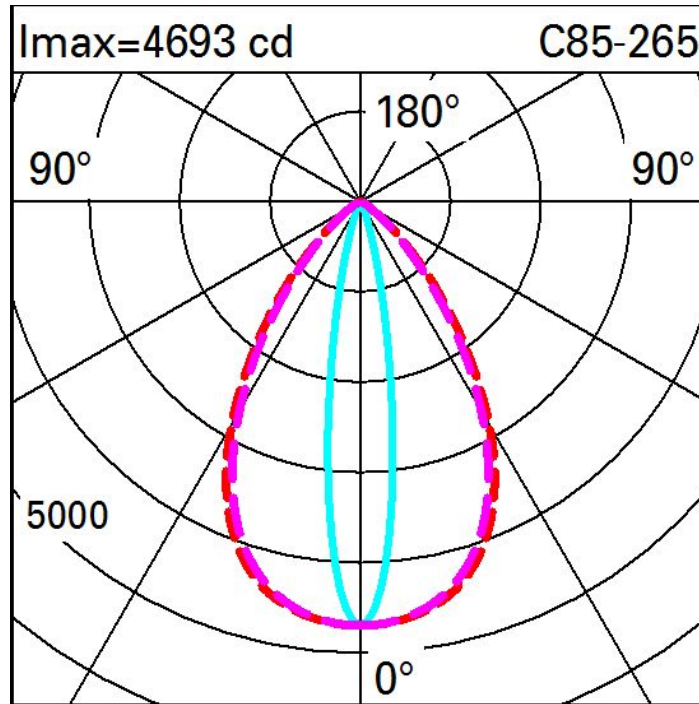
Product complete with LED lamp. DMX specifications require the insertion of a 120 Ohm terminating resistor to be placed between the DATA+ and DATA- cables of the last product in the line (BZQ7).

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	1833	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
W system:	34.4	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
Im source:	2820	Voltage [Vin]:	230
W source:	26	Lamp code:	LED
Luminous efficiency (Im/W, real value):	53.3	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	65	Intervall temperatura ambiente:	from -30°C to 50°C.
CRI (typical):	82	Control:	DMX-RDM
Colour temperature [K]:	RGBW - 4000K		

Polar



Illuminances

Lux													Wall distance = 1m	
3	0.1	0.2	0.4	0.9	2	3	2	0.9	0.4	0.2	0.1			
2	0.5	0.9	2	3	5	6	5	3	2	0.9	0.5			
1	1	2	3	4	6	6	6	4	3	2	1			
0	2	3	4	5	6	7	6	5	4	3	2			
	2	4	6	7	7	9	7	7	6	4	2			
	m	-2	-1	0	1	2	3							