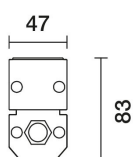


Last information update: May 2025

Product configuration: EG81

EG81: 47 surface Remote – 48 Vdc DMX512-RDM – L=1205mm – Flood optic

**Product code**

EG81: 47 surface Remote – 48 Vdc DMX512-RDM – L=1205mm – Flood optic

Technical description

Direct light luminaire, designed to use RGB 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 RGB colour and a 48V dc DMX512-RDM electronic driver (ballast to be ordered separately). 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 plastic (methacrylate) lens for Flood 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)

3.3

Mounting

wall arm|wall surface|ceiling surface

Wiring

Complete with DMX-RDM 48÷52Vdc control card. The product is supplied with a nickel-plated brass PG11 double cable gland with 05RN-F 2x1,5mm²+3x0,35mm² 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

**Technical data**

Im system:	1404	Life Time LED 2:	96,000h - L80 - B10 (Ta 40°C)
W system:	36.2	Voltage [Vin]:	48
Im source:	2700	Lamp code:	LED
W source:	31	Number of lamps for optical assembly:	1
Luminous efficiency (Im/W, real value):	38.8	ZVEI Code:	LED
Im in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	0	Intervallo temperatura ambiente:	from -30°C to 50°C.
Light Output Ratio (L.O.R.) [%]:	52	LED current [mA]:	300
Beam angle [°]:	34°	Control:	DMX-RDM
Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)		

Polar

Imax=3255 cd C30-210		Lux				
90°	180°	90°	h	d1	d2	Em Emax
			4	2.4	2.4	154 203
			8	4.9	4.9	39 51
			12	7.3	7.3	17 23
			16	9.8	9.8	10 13
alpha = 34°						

Isolux

