Linealuce

Design Jean-Michel Wilmotte   **iGuzzini**

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Product configuration: EZ18
EZ18: 47 surface Integral – Neutral White – 220÷240Vac DMX512-RDM – L=611mm – Wide Flood optic

Product code
EZ18: 47 surface Integral – Neutral White – 220÷240Vac DMX512-RDM – L=611mm – Wide Flood 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).Supplied with a nickel-plated brass PG11 single cable gland with H05RN-F 5x1,5mm² rubber outlet cable with male IP68 connector.Fitted with a PMMA diffusing filter and optics with plastic (methacrylate) lens for Wide 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	Weight (Kg)
White (01)	Black (04)	Grey (15)	Rust Brown (F5)	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.
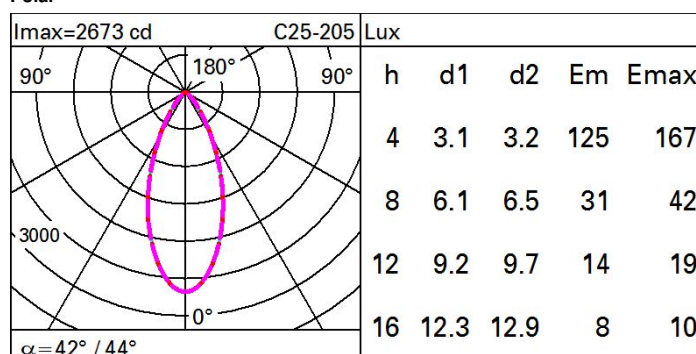
Notes
Product complete with LED lamp. DMX specifications require the insertion of a 120 Ohm terminating resistor to be placed between the DATA+ and DATA- cables of the last product in the line (BZQ7).

Complies with EN60598-1 and pertinent regulations

IK06   IP66   03   EAC   QCERT   NOM-B   pending

Technical data

lm system:	1680	MacAdam Step:	3
W system:	27.8	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
lm source:	2800	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W source:	21	Voltage [Vin]:	230
Luminous efficiency (lm/W, real value):	60.4	Lamp code:	LED
lm 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.) [%]:	60	Number of optical assemblies:	1
Beam angle [°]:	42° / 44°	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	Control:	DMX-RDM
Colour temperature [K]:	4000		

Polar

Imax=2673 cd		C25-205	Lux				
			h	d1	d2	Em	Emax
			4	3.1	3.2	125	167
			8	6.1	6.5	31	42
			12	9.2	9.7	14	19
			16	12.3	12.9	8	10

α=42° / 44°

Isolux

Lux
h=5 m.
α=0°

LED
/
27.8 W

81   41   15   5   2   0.7   0.3   0.1   0.0

-1   0   1   2   3   4   5   6   7   8   9   m