Linealuce

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Product configuration: BM77
BM77: 37 surface Remote - Neutral White LED - 48V dc DALI - L=512mm - 30° Flood Optic

Product code
BM77: 37 surface Remote - Neutral White LED - 48V dc DALI - L=512mm - 30° Flood Optic

Technical description
Direct light luminaire, designed to use monochrome LED lamps, 48V dc Dali dimmable. Ceiling- and wall-mounted. Consists of a body, a box for Dali driver and supports for installation (to be ordered separately). Extruded aluminium body and side box, with zamak die-cast end caps complete with silicone gaskets. Coated with liquid acrylic paint 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 power plate in Neutral White, side box with 48V dc Dali electronic driver (ballast to be ordered separately). Side box with double PG13.5 cable gland and outlet cables for pass-through wiring. Fitted with satin-finish polycarbonate film and optics with plastic (methacrylate) lens for 30° FLOOD lighting. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN60598-2-18 standards and particular requirements.

Installation
The following accessories are available for installation: adjustable wall-mounted arms in AISI304 stainless steel (L=115mm code BZQ9, L=200mm code BZJ9) and a plate for surface- or ceiling-mounting made of anodised aluminium (BZJ6).

Colour	Weight (Kg)
Grey (15)	1.47

Mounting
wall surface|ceiling surface

Wiring
The product is equipped with a nickel-plated brass PG13.5 double cable gland with 05RN-F 2x1,5mm²+3x0,35mm² rubber outlet cables for pass-through wiring: each cable is set up both for the Dali signal and for 48V dc power supply. Available for electrical connection: IP68 5-pin linear connector (BZS6), cap for IP68 connectors (BZQ7), IP68 Y-connector (BZN7) for signal cable and power cable connection and 48V dc DIN bar electronic ballasts to be ordered separately: 120W (BZ14), 240W (BZ15) and 480W (BZ16).
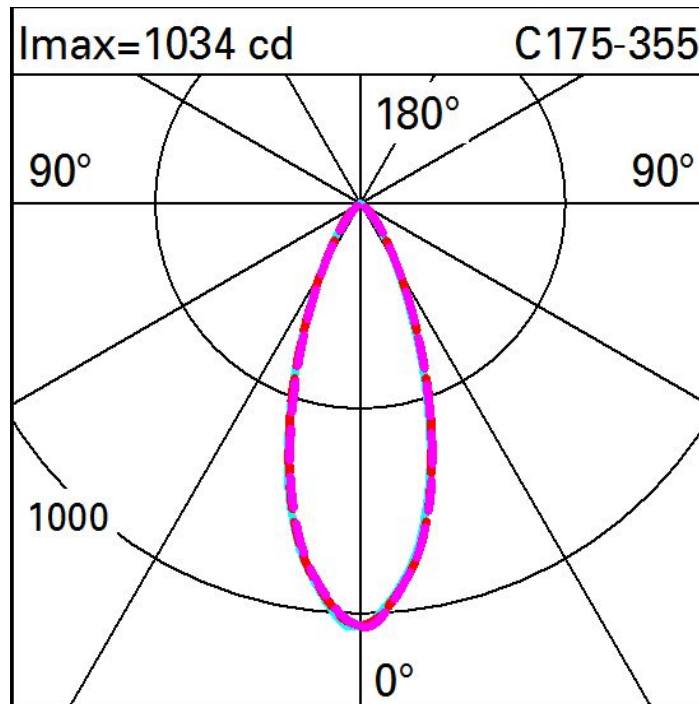
Notes
Product complete with LED lamp

Complies with EN60598-1 and pertinent regulations

IK05 IP66 CE

Technical data

lm system:	534	MacAdam Step:	3
W system:	7.5	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
lm source:	890	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W source:	5.9	Voltage [Vin]:	48
Luminous efficiency (lm/W, real value):	71.2	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 [°]:	38°	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	Power factor:	See installation instructions
Colour temperature [K]:	4000	Control:	DALI

Polar

Imax=1034 cd   C175-355

90°   180°   90°

1000

0°

Illuminances

Lux   Wall distance = 1m

3

        0.1 0.3 0.8   2   3   2   0.8 0.3 0.1

2   —0.2—0.5—1—2—6—11—6—2—1—0.5—0.2—

        0.4 0.7   2   5   13   21 13   5   2   0.7 0.4

1   —0.5—1—3—7—17—25—17—7—3—1—0.5—

        0.6   1   3   8   16   22 16   8   3   1   0.6

0

m   -2   -1   0   1   2   3