Linealuce

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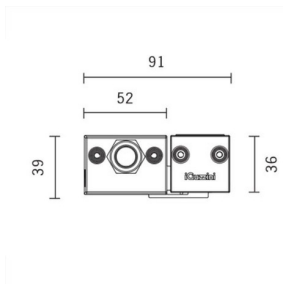Last information update: April 2024

Product configuration: BL32
BL32: 37 surface Remote - Neutral White LED - 48V dc DALI - L=1056mm - Wall Grazing Optic

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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 seals. 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 plate in Neutral White, side box with 48V dc electronic driver (ballast to be ordered separately). Side box with double PG13.5 cable gland and outlet cables for pass-through wiring. Fitted with a PMMA diffusing filter and optics with plastic (methacrylate) lens for Wall Grazing 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
The following accessories are available for installation: adjustable wall-mounted arms in AISI304 stainless steel (L=115mm code BZQ9, 200mm code BZJ9) and a plate for surface- or ceiling-mounting made of anodised aluminium (BZJ6).

Colour	Weight (Kg)
Grey (15)	2.22

Mounting
wall surface|ceiling surface

Wiring
The product is equipped with a nickel-plated brass PG13.5 double cable gland with O5RN-F 2x1,5mm²+3x0,35mm² 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), 48V dc DIN bar electronic ballasts to be ordered separately: 120W (BZ14), 240W (BZ15) and 480W (BZ16).
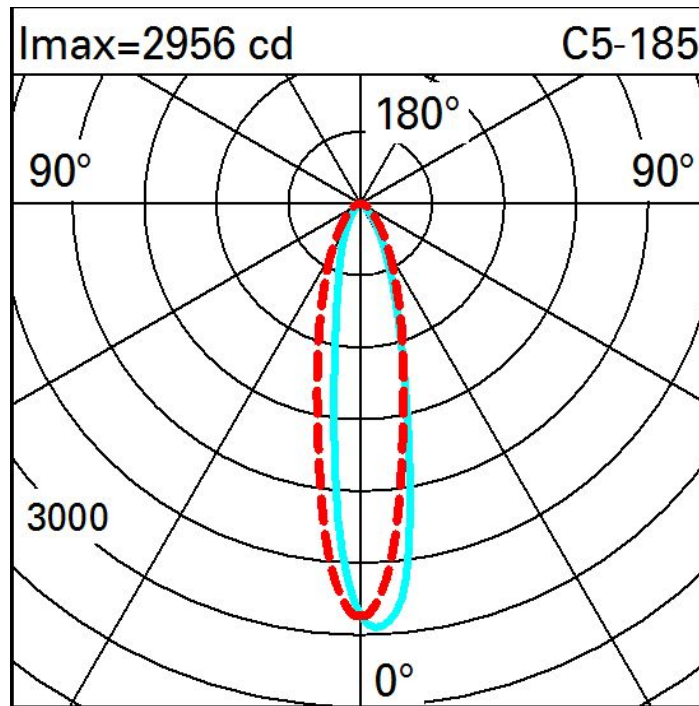
Notes
Product complete with LED lamp.The electronic board takes one Dali address, absorbs one Dali load.

Complies with EN60598-1 and pertinent regulations

IK05 IP66 CE EAC NOM

Technical data

lm system:	972	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
W system:	13	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
lm source:	1800	Voltage [Vin]:	48
W source:	12	Lamp code:	LED
Luminous efficiency (lm/W, real value):	74.8	Number of lamps for optical assembly:	1
lm 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.) [%]:	54	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	Power factor:	See installation instructions
Colour temperature [K]:	4000	Control:	DALI
MacAdam Step:	3		

Polar

Imax=2956 cd   C5-185

180°

90°   90°

3000

0°

Illuminances

Lux								Wall distance = 1m		
0.2	0.5	1	4	8	11	8	4	1	0.5	0.2
1	2	5	9	17	22	17	9	5	2	1
2	3	6	13	28	36	28	13	6	3	2
2	4	7	16	28	37	28	16	7	4	2
2	4	8	15	25	33	25	15	8	4	2

m   -2   -1   0   1   2   3