Linealuce

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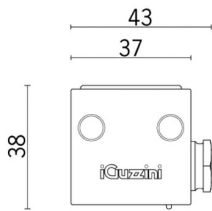
Last information update: October 2024

Product configuration: BJ37
BJ37: Wall-/Ceiling-mounted - 12 Neutral White LEDs - 24V/500mA dc - L=1056mm - Wall Grazing Optic

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Technical description
Direct light luminaire, designed to use monochrome LED lamps. Ceiling- and wall-mounted. Consists of a body and supports for installation (to be ordered separately). Extruded aluminium boy, 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 power plate in Neutral White 4000K with 24V/500mA dc electronic circuit (power supply to be ordered separately); 24V/500mA smart driver allowing constant light flow emission despite variations in the input voltage (from 30V dc to 16V dc). Fitted with a PMMA diffusing filter and optic 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=83mm code BZJ9, 200mm code BZJ8) and a plate for surface- or ceiling-mounting made of anodised aluminium (BZJ6).

Colour	Weight (Kg)
Grey (15)	1.59

Mounting
wall surface|ceiling surface

Wiring
The product is supplied with a single nickel-plated brass cable gland PG9 and a 2x1mm2 PVC and polyurethane outlet cable, 2000mm long. For the electrical connection there is an IP68 linear connector (BZK6) and an IP66 junction box with quick-coupling terminals (BZK7). 24V/500mA dc electronic power suuply to be ordered separately: 32W (BZA0), 25W (K980) and 35W (BZM4)
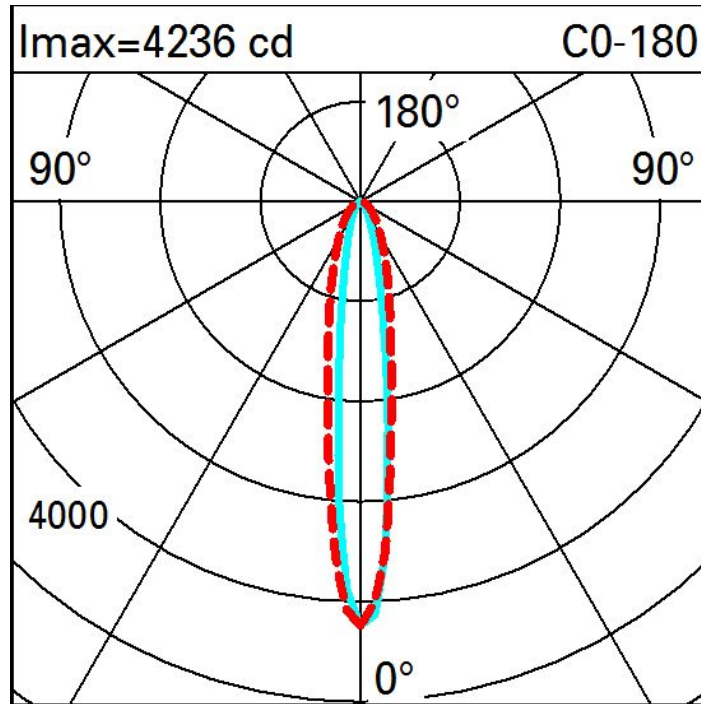
Notes
Product complete with LED lamp.

Complies with EN60598-1 and pertinent regulations

IK05   IP66   CE   [S]   EHC   QCERT

Technical data

lm system:	855	MacAdam Step:	3
W system:	19	Life Time LED 1:	66,000h - L80 - B10 (Ta 25°C)
lm source:	1580	Life Time LED 2:	66,000h - L80 - B10 (Ta 40°C)
W source:	19	Lamp code:	LED
Luminous efficiency (lm/W, real value):	45	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	LED current [mA]:	500
Colour temperature [K]:	4000		

Polar

Imax=4236 cd   C0-180

180°

90°   90°

4000

0°

Illuminances

Lux									Wall distance = 1m	

m	-2		-1		0		1		2		3

0.1	0.2	0.6	2	4	6	5	2	0.8	0.3	0.2
0.7	2	3	6	11	16	13	7	4	2	0.9
1	2	4	8	14	18	16	10	5	3	2
2	3	5	9	14	19	16	10	6	3	2
2	3	5	9	13	17	14	9	6	4	2