Linealuce

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Last information update: May 2024

Product configuration: BI66
BI66: Compact - Wall-/Ceiling-mounted - Warm White LED - Dimmable DMX512-RDM - L=1056mm - Wall Grazing Optic

Product code
BI66: Compact - Wall-/Ceiling-mounted - Warm White LED - Dimmable DMX512-RDM - L=1056mm - Wall Grazing Optic **Attention! Code no longer in production**

Technical description
Direct light luminaire, designed to use monochrome LED lamps, DMX512-RDM dimmable with searching and addressing function. Ceiling, surface andwall-mounted. Consists of a body and supports for installation, to be ordered separately. Extruded aluminium body, with die-cast aluminium end caps complete with silicone seals. Coated with liquid acrylic paint with a high level of weather and UV ray resistance. Lateral control gear box made of PPS (polyphenylene sulfide). 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 Warm White. Fitted with optics with plastic (methacrylate) lens for Wall Grazing lighting. The lateral box is supplied with a double connector, male/female, with 5-pin quick coupling for pass-through wiring and a closing cap on one side. 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 available for installation: ±90° adjustable arms L=138mm (code 5576), arms extendable from 309 to 389mm and adjustable ±90° (code 5577), bracket for wall-mounting L=310mm (code BZI0), brackets for mounting on balustrades L297mm (code 5578), bracket for surface- or ceiling-mounting L=309mm (code 5570).

Colour	Weight (Kg)
Grey (15)	3.2

Mounting
wall surface|ceiling surface

Wiring
The product is supplied with electronic control gear, dimmable DMX512-RDM 220÷240Vac, 50/60Hz contained in the luminaire. Available for electrical connection and DMX-RDM control: IP66 5-pin female connector (BZI5), IP66 5-pin male connector + closing cap (BZI6), IP66 5-pin male connector + female connector (BZI7), multi-pole cable units with 5-pin male + female connectors (BZJ3-BZJ4-BZJ5). 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 (code BZQ7)
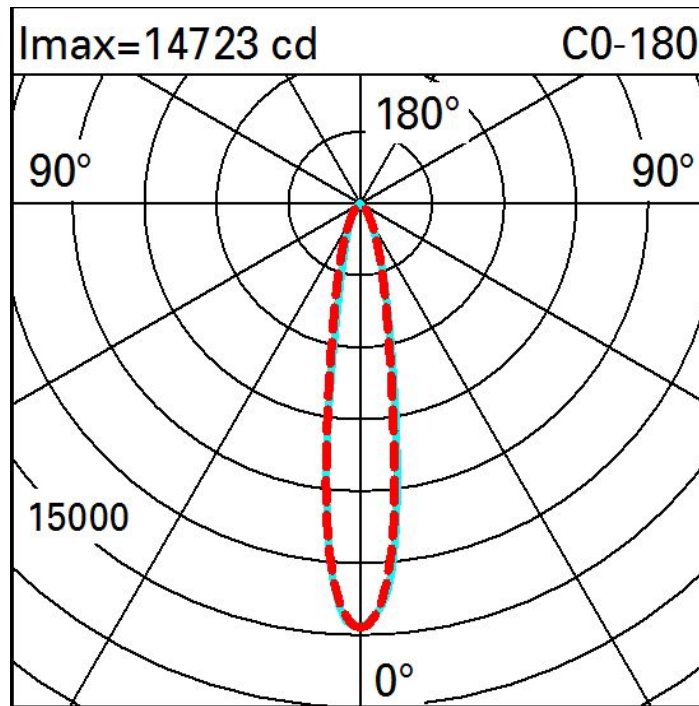
Notes
Product complete with LED lamp. DMX specifications require the insertion of a 120 Ohm terminating resistor to be placed between the DATA+ and DATA- cables of the last product in the line (code BZQ7)

Complies with EN60598-1 and pertinent regulations

IK05   IP66   CE   UKCA   EAC   NOM-13   pending   CCC pending

Technical data

lm system:	2442	MacAdam Step:	3
W system:	29.6	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
lm source:	3700	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W source:	25	Voltage [Vin]:	230
Luminous efficiency (lm/W, real value):	82.5	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.) [%]:	66	Number of optical assemblies:	1
CRI (minimum):	80	Intervallo temperatura ambiente:	from -30°C to 50°C.
Colour temperature [K]:	3000	Control:	DMX-RDM

Polar

Imax=14723 cd C0-180

180°

90°   90°

15000

0°

Illuminances

Lux   Wall distance = 1m

0.1	0.3	1.0	3	7	10	7	3	1.0	0.3	0.1
0.6	1	3	7	17	28	17	7	3	1	0.6
0.9	2	5	21	70	94	70	21	5	2	0.9
1	3	10	39	68	91	68	39	10	3	1
2	6	19	35	62	87	62	35	19	6	2

m   -2   -1   0   1   2   3