Linealuce

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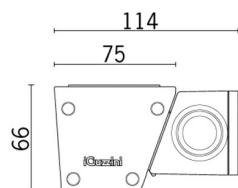
Last information update: May 2018

Compact - Wall-/Ceiling-mounted - RGB LEDs - DALI control - L=1490mm - Wall Washer Optic

Product code
BI71

Technical description
Direct light luminaire, designed to use RGB LED lamps (Red, Green, Blue) and Dali control. Ceiling- and wall-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 with individual LEDs in Red, Green and Blue (RGB). Fitted with optics with plastic (methacrylate) lens for Wall Washer 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. Set up for pass-through earth wiring. 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=670mm (code BZI1), brackets for mounting on balustrades L297mm (code 5578), bracket for surface- or ceiling-mounting L=644mm (code 5571).

Dimension (mm)
1490x75x66

Colour
Grey (15)

Weight (Kg)
4.29

Mounting
wall surface|ceiling surface

Wiring
The product is supplied with electronic control gear, Dali dimmable 220÷240Vac, 50/60Hz contained in the luminaire. Available for electrical connection and Dali 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 (BZT4-BZT5-BZT6)

Notes
Product complete with LED lamp. The electronic board takes three Dali addresses, absorbs one Dali load.

Complies with EN60598-1 and pertinent regulations

Product configuration: BI71

Product characteristics

Total lighting output [Lm]: 1475	Total luminous flux at or above an angle of 90° [Lm]: 0
Total power [W]: 45.1	Emergency luminous flux [Lm]: /
Luminous efficacy [Lm/W]: 32.7	Voltage [V]: -
Life Time: 50,000h - L80 - B10 (Ta 25°C)	Life Time: 50,000h - L80 - B20 (Ta 40°C)
Ambient temperature range: from -20°C to +35°C.	Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 64	Number of lamps for optical assembly: 1
Lamp code: LED	Socket: /
ZVEI Code: LED	Ballast losses [W]: 5.1
Nominal power [W]: 40	Colour temperature [K]: /
Nominal luminous [Lm]: 2300	CRI: /
Lamp maximum intensity [cd]: /	Wavelength [Nm]: /
Beam angle [°]: /	MacAdam Step: /

Polar

Imax=6118 cd   C0-180

90°   180°   90°

6000

0°

$\alpha = 15° / 20°$
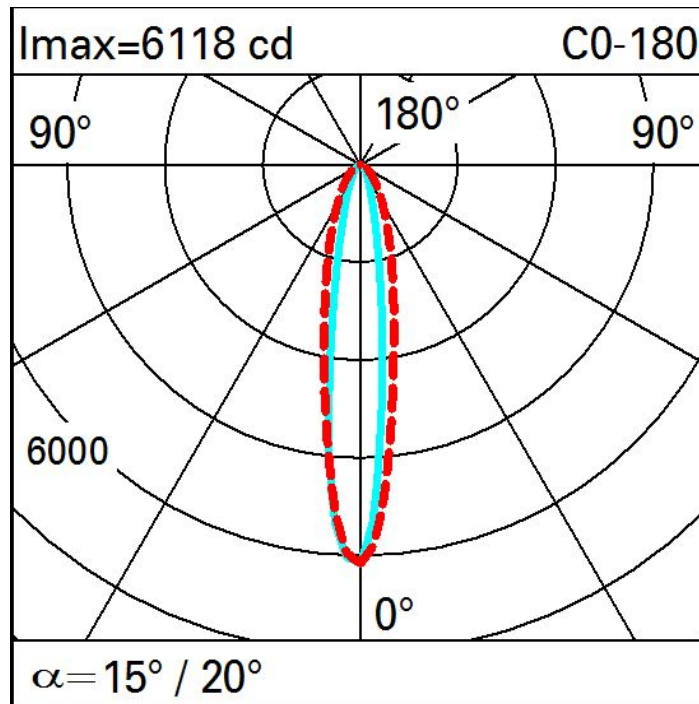
Illuminances

Lux										Wall distance = 1m

m	-2	-1	0	1	2	3
0.3	0.9	3	9	26	62	22	6	2	0.5	0.2
1	3	7	17	42	98	34	12	5	2	0.9
2	4	8	19	43	89	35	13	6	3	1
2	4	8	18	40	77	32	14	6	3	2
2	4	8	16	35	62	27	12	6	3	2