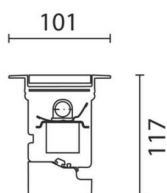
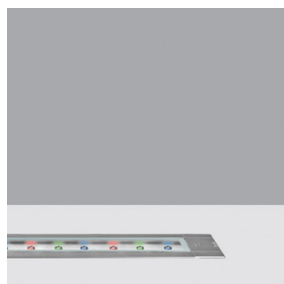


Last information update: May 2018


Linear Recessed - Real White RGB LED - Electronic control gear 220-240V ac - DMX512-RDM control - L=1563 mm - Wall Washer Optic
Product code
BN45

Technical description

Direct light luminaire, designed to use RGBW (Red, Green, Blue and White 4000K) LED lamps and DMX512-RDM control. Ground-, wall- and ceiling-recessed. Consists of a body and outer casing 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. Lower PPS (polyphenylene sulfide) power box. The top of the optical assembly is closed by an 8 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED power plate with individual LEDs in Red, Green Blue and white in the 4000K version (RGBW). Fitted with optics with plastic (methacrylate) lens for Wall Washer lighting. The lower box has two PG11 nickel-plated brass cable glands and outgoing cables for pass-through wiring. To fix the optical assembly to the outer casing the product has a quick coupling system using an Allen key. Outer casing for installation made of aluminium with technopolymer covers, to be ordered separately. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and particular requirements.

Installation

Ground- and wall-recessed using the outer casing, to be ordered separately. For ground installation a drainage channel must be created or gravel inserted for drainage under the outer casing before installation, to guarantee the degree of protection stated. For ceiling-mounting with plasterboard panels (1-30 mm thick), make the preparation openings as indicated in the instructions sheet and use the accessory with code 5926 (kit containing steel cables with reinforcement plates).

Dimension (mm)
1563x101x117

Colour
Grey (15)

Weight (Kg)
6.7

Mounting

wall recessed|ceiling recessed|ground recessed

Wiring

Equipped with electronic control gear with DMX512-RDM control, 220-240V ac, 50/60Hz contained in the luminaire. For electrical connection the product has a lower box with a nickel-plated brass PG11 double cable gland with H07RN-F rubber outgoing cables for pass-through wiring: each cable is set up both for the DMX512-RDM signal and for 220-240V ac power supply. Available for electrical connection: IP68 5-pin linear connector (BZS6), cap for IP68 connectors (BZQ7), IP68 5-pin 3-way (Y-type) linear connector (BZN7). 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. The frame, glass, optical assembly and outer casing together guarantee a maximum static load resistance of 1000 kg. 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


Product configuration: BN45
Product characteristics

Total lighting output [Lm]: 1985
 Total power [W]: 47.4
 Luminous efficacy [Lm/W]: 41.9
 Life Time: 50,000h - L80 - B10 (Ta 25°C)
 Ambient temperature range: from -20°C to +35°C.

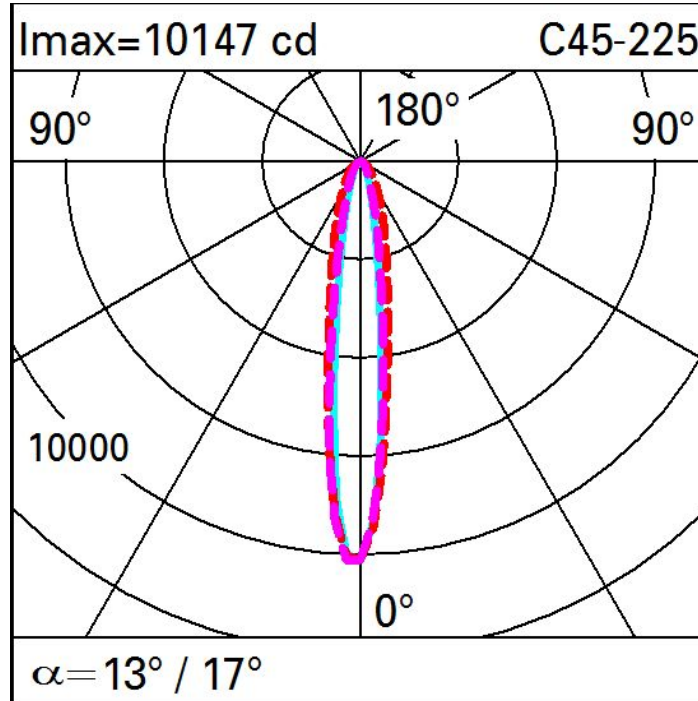
Total luminous flux at or above an angle of 90° [Lm]: 0
 Emergency luminous flux [Lm]: /
 Voltage [V]: -
 Life Time: 50,000h - L80 - B20 (Ta 40°C)
 Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 67
 Lamp code: LED
 ZVEI Code: LED
 Nominal power [W]: 40
 Nominal luminous [Lm]: 2970
 Lamp maximum intensity [cd]: /
 Beam angle [°]: /

Number of lamps for optical assembly: 1
 Socket: /
 Ballast losses [W]: 7.4
 Colour temperature [K]: /
 CRI: /
 Wavelength [Nm]: /
 MacAdam Step: /

Polar



Illuminances

Lux		Wall distance = 1m												
3														
		0.1	0.3	1	7	31	99	33	10	3	0.9	0.3		
2		0.8	2	6	16	46	137	47	18	7	3	1		
		2	3	7	19	51	120	45	19	9	4	2		
1		2	4	8	21	45	100	41	18	9	4	2		
		2	4	9	18	40	80	36	16	8	5	2		
0														
	m	-2	-1	0	1	2	3							