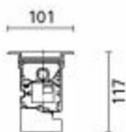
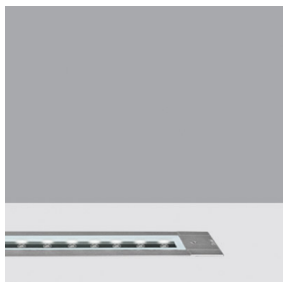


Last information update: May 2018

**Warm White - Elliptical Optic****Product code**

BD70

Technical description

Direct light and luminaire designed to use LED lamps. Monochrome version complete with 28x1W Warm White (3100K) multi-LED plate, optic with plastic lenses, elliptical version. Complete with lamp and equipped with electronic power supply. Consists of a body made of extruded aluminium, with dual phosphorous – chromium plating of the base metal, passivation at 120°C and with die-cast aluminium end caps complete with 50/60 Shore A silicone seals, subjected to post-cooling treatment at 200° C. Painted with liquid acrylic paint highly resistant to atmospheric agents and UV rays, curing at 150°C. The top of the optical assembly is closed by a 4 mm thick, semi-acid finished, tempered sodium – calcium glass screen, fixed with silicone. Outer casing for installation made of aluminium with technopolymer covers, to be ordered separately. Set up for wiring to pass through two PG11 nickel - plated brass cable clamps suitable for cables with \varnothing 6.5 – 11 mm housed in a suitable box made of thermoplastic material and fastened to the assembly. All external screws are made of A2 stainless steel.

Installation

Ground-, wall- and ceiling-recessed using the outer casing, to be ordered separately

Dimension (mm)

1268x101x117

Colour

Grey (15)

Weight (Kg)

6.3

Mounting

wall recessed|ceiling recessed|ground recessed

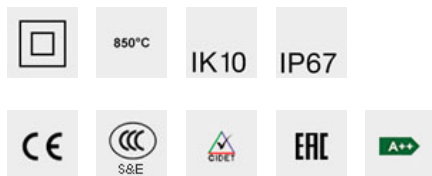
Wiring

Electronic control gear housed in the luminaire, 220 - 240V 50 - 60Hz.

Notes

21x1W (L=942 mm) version available upon request. Accessories available: microperforated screen, coloured filters, outer casing and safety cables for ceiling- and wall-mounting.

Complies with EN60598-1 and pertinent regulations

**Product configuration: BD70****Product characteristics**

Total lighting output [Lm]: 1150
 Total power [W]: 37.2
 Luminous efficacy [Lm/W]: 30.9
 Life Time: 50,000h - L70 - B20 (Ta 25°C)
 Number of optical assemblies: 1

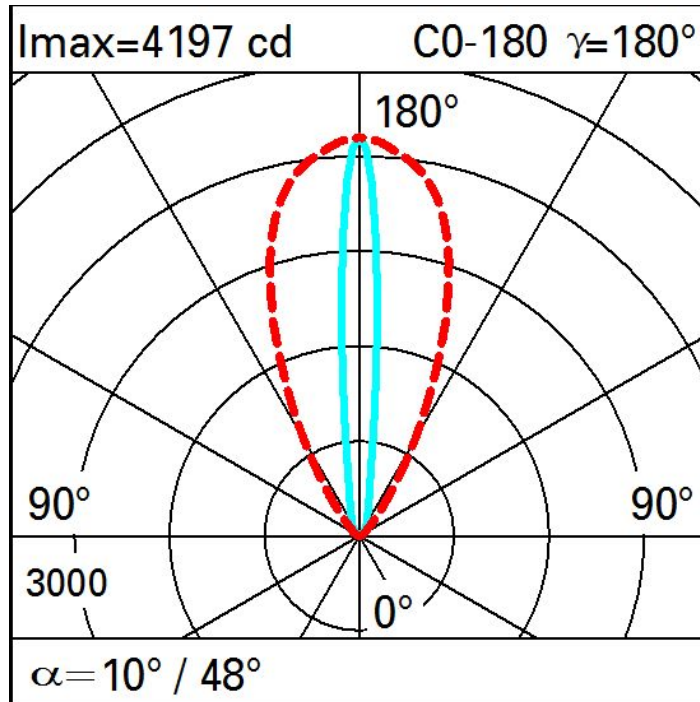
Total luminous flux at or above an angle of 90° [Lm]: 0
 Emergency luminous flux [Lm]: /
 Voltage [V]: -
 Ambient temperature range: from -20°C to +35°C.

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 52
 Lamp code: LED
 ZVEI Code: LED
 Nominal power [W]: 32
 Nominal luminous [Lm]: 2193
 Lamp maximum intensity [cd]: /
 Beam angle [°]: 10° / 48°

Number of lamps for optical assembly: 1
 Socket: /
 Ballast losses [W]: 5.2
 Colour temperature [K]: 3200
 CRI: 80
 Wavelength [Nm]: /
 MacAdam Step: 3

Polar



Illuminances

