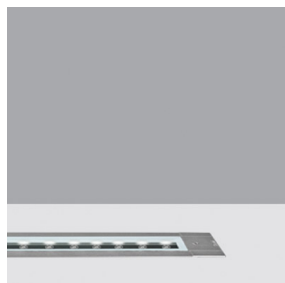


Last information update: April 2024

**Product configuration: BD70**

BD70: Warm White - Elliptical Optic

**Product code**BD70: Warm White - Elliptical Optic **Attention! Code no longer in production****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 ø 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

**Colour**

Grey (15)

**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



850°C

IK10

IP67



pending

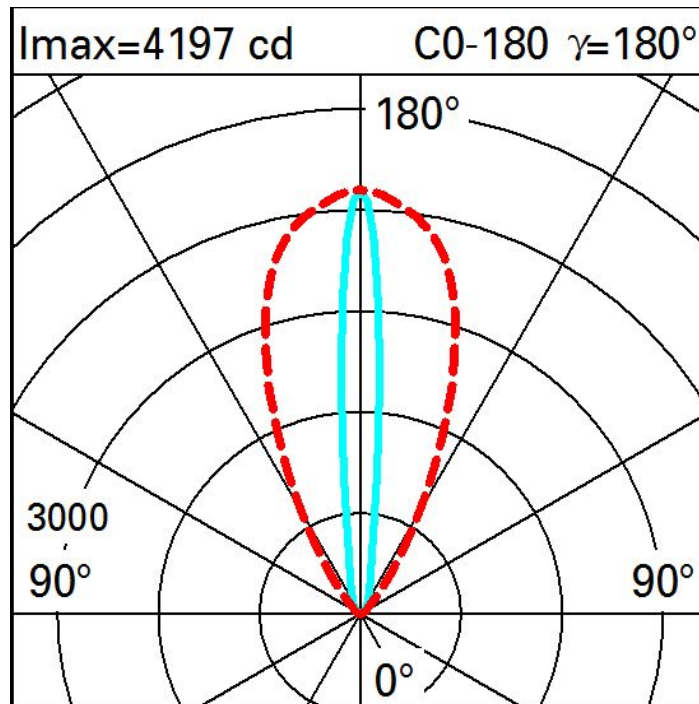
**Technical data**

lm system:	1150	CRI:	80
W system:	37.2	Colour temperature [K]:	3200
lm source:	2193	MacAdam Step:	3
W source:	32	Life Time LED 1:	50,000h - L70 - B20 (Ta 25°C)
Luminous efficiency (lm/W, real value):	30.9	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.) [%]:	52	Number of optical assemblies:	1
Beam angle [°]:	10° / 48°	Intervallo temperatura ambiente:	from -20°C to +35°C.

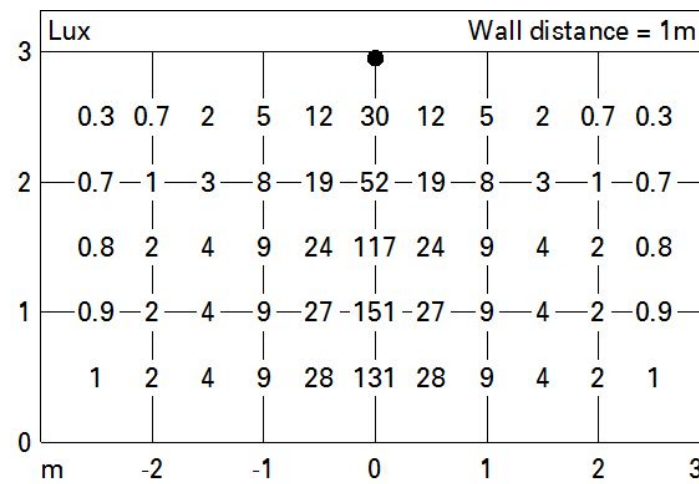
**Polar**

Lux											
Wall distance = 1m											
3											
	0.3	0.7	2	5	12	30	12	5	2	0.7	0.3
2	0.7	1	3	8	19	52	19	8	3	1	0.7
	0.8	2	4	9	24	117	24	9	4	2	0.8
1	0.9	2	4	9	27	151	27	9	4	2	0.9
	1	2	4	9	28	131	28	9	4	2	1
0											
	m	-2	-1	0	1	2	3				

Polar



Polar



Illuminances

