

Last information update: May 2024

**Product configuration: BI55**

BI55: Wall-/Ceiling-mounted - Neutral White LED - 100-277V ac - L=1585mm - Wall Grazing Spot Optic

**Product code**BI55: Wall-/Ceiling-mounted - Neutral White LED - 100-277V ac - L=1585mm - Wall Grazing Spot Optic **Attention! Code no longer in production****Technical description**

Direct light luminaire, designed to use monochrome LED lamps. 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 in Neutral White. Fitted with optics with plastic (methacrylate) lens for Wall Grazing Spot lighting. The lateral box is supplied with a double connector, male/female, with 3-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:  $\pm 90^\circ$  adjustable arms L=138mm (code 5576), arms extendable from 309 to 389mm and adjustable  $\pm 90^\circ$  (code 5577), bracket for wall-mounting L=670mm (code BZ11), brackets for mounting on balustrades L297mm (code 5578), bracket for surface- or ceiling-mounting L=644mm (code 5571). For a more uniform light beam in the initial few metres, an accessory diffusing filter is available (code BZT0).

**Colour**

Grey (15)

**Weight (Kg)**

4.49

**Mounting**

wall surface/ceiling surface

**Wiring**

The product is supplied with electronic control gear, 220÷240Vac, 50/60Hz contained in the luminaire. Available for electrical connection: IP66 3-pin female connector (BZ12), IP66 3-pin male connector + closing cap (BZ13), IP66 3-pin male connector + female connector (BZ14), multi-pole cable units with 3-pin male + female connectors (BZJ0-BZJ1-BZJ2)

**Notes**

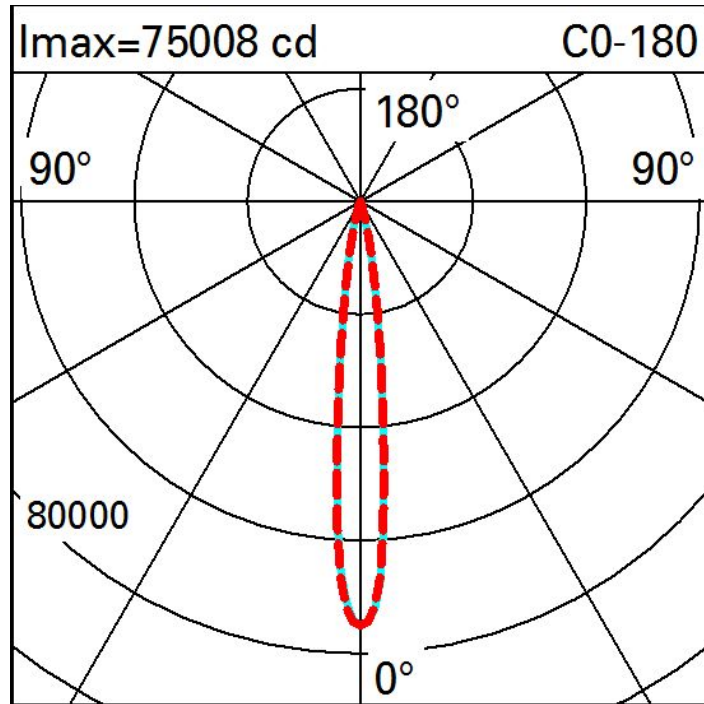
Product complete with LED lamp.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	5092	MacAdam Step:	3
W system:	56	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
Im source:	6700	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W source:	47	Voltage [Vin]:	230
Luminous efficiency (Im/W, real value):	90.9	Lamp code:	LED
Im 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.) [%]:	76	Number of optical assemblies:	1
CRI:	80	Intervallo temperatura ambiente:	from -30°C to 50°C.
Colour temperature [K]:	4000	Control:	On/off

Polar



Illuminances

Lux												Wall distance = 1m	
3													
	0.2	0.4	1	3	9	21	9	3	1	0.4	0.2		
2	0.7	2	4	8	15	21	15	8	4	2	0.7		
	1	2	4	8	15	20	15	8	4	2	1		
1	1	2	4	7	14	23	14	7	4	2	1		
	1	2	4	7	18	36	18	7	4	2	1		
0													
	m	-2	-1	0	1	2	3						