

Last information update: May 2024

**Product configuration: BI59**

BI59: Compact - Wall-/Ceiling-mounted - Neutral White LED - DALI - L=1056mm - Wall Grazing Optic

**Product code**BI59: Compact - Wall-/Ceiling-mounted - Neutral White LED - DALI - L=1056mm - Wall Grazing Optic **Attention! Code no longer in production****Technical description**

Direct light luminaire, designed to use monochrome LED lamps, Dali dimmable. 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 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:  $\pm 90^\circ$  adjustable arms L=138mm (code 5576), arms extendable from 309 to 389mm and adjustable  $\pm 90^\circ$  (code 5577), bracket for wall-mounting L=310mm (code BZI0), brackets for mounting on balustrades L297mm (code 5578), bracket for surface- or ceiling-mounting L=309mm (code 5570).

**Colour**

Grey (15)

**Weight (Kg)**

3.2

**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 (BZJ3-BZJ4-BZJ5)

**Notes**

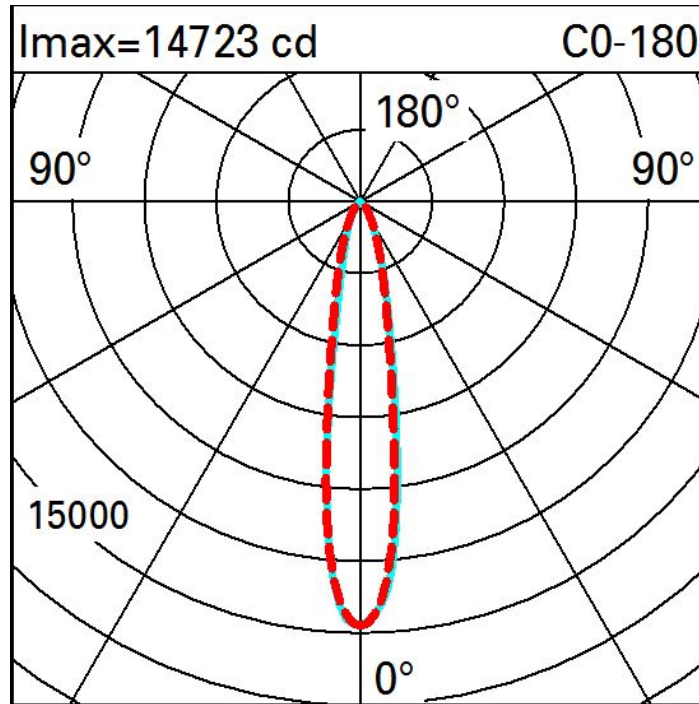
Product complete with LED lamp. The electronic board takes one Dali address, absorbs one Dali load.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	2442	MacAdam Step:	3
W system:	29.6	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
Im source:	3700	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W source:	25	Voltage [Vin]:	230
Luminous efficiency (Im/W, real value):	82.5	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.) [%]:	66	Number of optical assemblies:	1
CRI (minimum):	80	Intervallo temperatura ambiente:	from -30°C to 50°C.
Colour temperature [K]:	4000	Control:	DALI

Polar



Illuminances

Lux													Wall distance = 1m	
3														
	0.1	0.3	1.0	3	7	10	7	3	1.0	0.3	0.1			
2	0.6	1	3	7	17	28	17	7	3	1	0.6			
	0.9	2	5	21	70	94	70	21	5	2	0.9			
1	1	3	10	39	68	91	68	39	10	3	1			
	2	6	19	35	62	87	62	35	19	6	2			
0														
	m	-2	-1	0	1	2	3							