

Last information update: October 2024

**Product configuration: BQ80**

BQ80: Wall-/Ceiling-mounted - 18 Wram White LEDs - 24V/500mA dc - L=1585mm - 32° Flood optic

**Product code**

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**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 zamak die-cast end caps complete with silicone seals. Coated with liquid acrylic paint with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED power plate in Wram White 2700K with 24V/500mA dc electronic circuit (ballast to be ordered separately); 24V/500mA smart driver allowing constant light flow emission despite variations in the input voltage (from 30V dc to 16V dc). Fitted with a PMMA diffusing filter and optic with plastic (methacrylate) lens for 32° FLOOD lighting. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and particular requirements.

**Installation**

The following accessories are available for installation: adjustable wall-mounted arms in AISI304 stainless steel (L=83mm code BZJ9, 200mm code BZJ8) and a plate for surface- or ceiling-mounting made of anodised aluminium (BZJ7).

**Colour**

Grey (15)

**Weight (Kg)**

2.22

**Mounting**

wall surface|ceiling surface

**Wiring**

The product is supplied with a single nickel-plated brass cable gland PG9 and a 2x1mm<sup>2</sup> PVC and polyurethane outlet cable, 2000mm long. For the electrical connection there is an IP68 linear connector (BZK6) and an IP66 junction box with quick-coupling terminals (BZK7). 24V/500mA dc electronic ballasts to be ordered separately: 32W (BZA0) and 35W (BZM4)

**Notes**

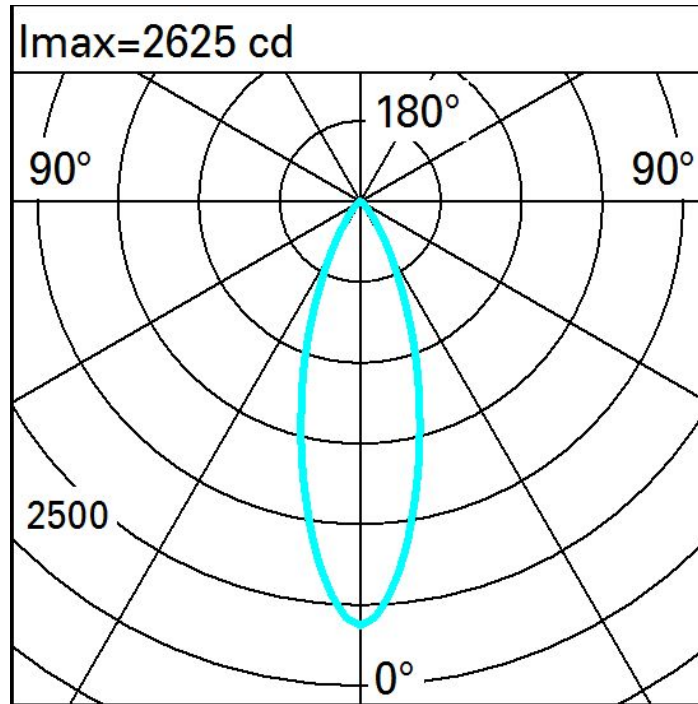
Product complete with LED lamp.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	1097	Colour temperature [K]:	2700
W system:	28	MacAdam Step:	3
Im source:	1830	Life Time LED 1:	66,000h - L80 - B10 (Ta 25°C)
W source:	28	Life Time LED 2:	66,000h - L80 - B10 (Ta 40°C)
Luminous efficiency (Im/W, real value):	39.2	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.) [%]:	60	Number of optical assemblies:	1
Beam angle [°]:	32°	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	LED current [mA]:	500

Polar



Illuminances

Lux Wall distance = 1m

3																					
	0.1	0.2	0.6	2	5	7	5	2	0.6	0.2	0.1										
2	0.3	0.6	2	4	10	17	10	4	2	0.6	0.3										
	0.5	1.0	2	8	22	36	22	8	2	1.0	0.5										
1	0.6	1	4	12	31	47	31	12	4	1	0.6										
	0.8	2	6	16	31	45	31	16	6	2	0.8										
0																					
	m	-2	-1	0	1	2	3														