

Last information update: October 2024

**Product configuration: BQ74**

BQ74: Wall-/Ceiling-mounted - 18 Wram White LEDs - 24V/500mA dc - L=1585mm - 20° Medium 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 20° MEDIUM 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**

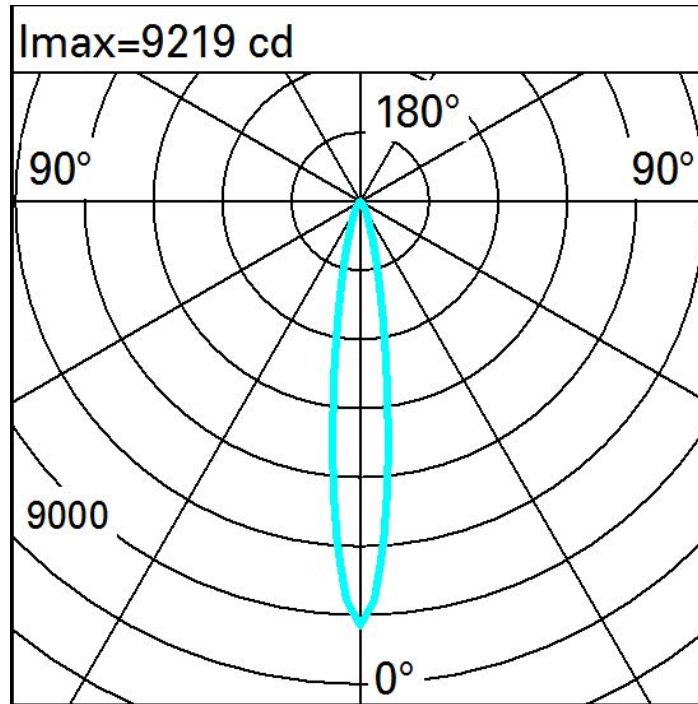
Product complete with LED lamp.

Complies with EN60598-1 and pertinent regulations

**Technical data**

|  |      |                                       |                               |
|--|------|---------------------------------------|-------------------------------|
| Im system:   | 1222 | 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):            | 43.6 | 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.) [%]:                   | 67   | Number of optical assemblies:         | 1                             |
| Beam angle [°]:                                    | 14°  | 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                | 0.1 | 0.4 | 1  | 3  | 5  | 3  | 1  | 0.4 | 0.1 | 0.1 |  |  |
| 2   |   | 0.2                | 0.4 | 1   | 3  | 9  | 15 | 9  | 3  | 1   | 0.4 | 0.2 |  |  |
|     |   | 0.4                | 0.8 | 2   | 6  | 17 | 26 | 17 | 6  | 2   | 0.8 | 0.4 |  |  |
| 1   |   | 0.5                | 1   | 3   | 9  | 20 | 29 | 20 | 9  | 3   | 1   | 0.5 |  |  |
|     |   | 0.7                | 2   | 5   | 10 | 19 | 27 | 19 | 10 | 5   | 2   | 0.7 |  |  |
| 0   |   |                    |     |     |    |    |    |    |    |     |     |     |  |  |
|     | m | -2                 | -1  | 0   | 1  | 2  | 3  |    |    |     |     |     |  |  |