

Last information update: April 2024

Product configuration: BK36

BK36: 37 surface Full Remote - Neutral White LED - 24V dc - L=528mm - 10° Spot Optic

**Product code**

BK36: 37 surface Full Remote - Neutral White LED - 24V dc - L=528mm - 10° Spot Optic

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 gaskets. 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 Neutral White with 24V dc electronic circuit (ballast to be ordered separately); 24V smart driver allowing constant light flow emission despite variations in the input voltage (from 30V dc to 16V dc). Fitted with satin-finish polycarbonate film and optics with plastic (methacrylate) lens for 10° SPOT 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=85mm code BZJ8, 200mm code BZJ9) and a plate for surface- or ceiling-mounting made of anodised aluminium (BZJ6).

Colour

Grey (15)

Weight (Kg)

0.89

Mounting

wall surface|ceiling surface

Wiring

The product is supplied with a single nickel-plated brass cable gland PG9 and a 2x1mm² PVC and polyurethane outlet cable, 2000mm long. For the electrical connection there is an IP68 linear connector (BZK6) and an IP67 junction box with quick-coupling terminals (BZK1). 24V dc electronic ballasts to be ordered separately: 10W (9908), 24W (9909), 72W (9910), 96W (9911), 120W (BZK0), 240W (9912) and 480W (BZK1)

Notes

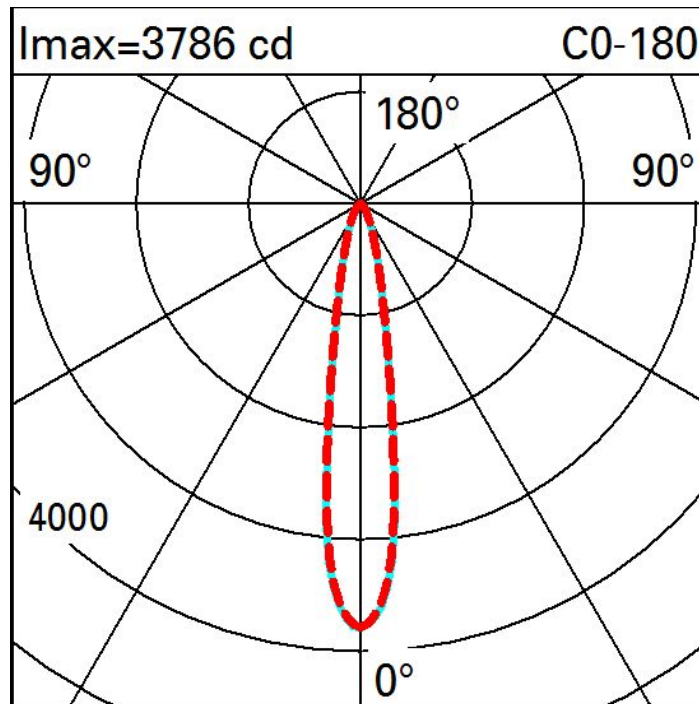
Product complete with LED lamp.

Complies with EN60598-1 and pertinent regulations

**Technical data**

| | | | |
|--|-----------|---------------------------------------|--------------------------------|
| Im system: | 639 | MacAdam Step: | 3 |
| W system: | 7.1 | Life Time LED 1: | 100,000h - L80 - B10 (Ta 25°C) |
| Im source: | 900 | Life Time LED 2: | 100,000h - L80 - B10 (Ta 40°C) |
| W source: | 5.9 | Voltage [Vin]: | 24 |
| Luminous efficiency (Im/W, real value): | 90 | 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.) [%]: | 71 | Number of optical assemblies: | 1 |
| Beam angle [°]: | 17° / 18° | Intervallo temperatura ambiente: | from -30°C to 50°C. |
| CRI (minimum): | 80 | LED current [mA]: | 350 |
| Colour temperature [K]: | 4000 | Control: | PWM |

Polar



Illuminances

| Lux | | | | | | | | | | | | | Wall distance = 1m | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--------------------|--|
| 3 | | | | | | | | | | | | | | |
| | | | | 0.1 | 0.4 | 0.9 | 1.0 | 0.9 | 0.4 | 0.1 | | | | |
| 2 | 0.1 | 0.2 | 0.5 | 1 | 2 | 3 | 2 | 1 | 0.5 | 0.2 | 0.1 | | | |
| | 0.2 | 0.4 | 1 | 4 | 13 | 17 | 13 | 4 | 1 | 0.4 | 0.2 | | | |
| 1 | 0.3 | 0.7 | 2 | 8 | 13 | 18 | 13 | 8 | 2 | 0.7 | 0.3 | | | |
| | 0.4 | 1 | 4 | 7 | 12 | 16 | 12 | 7 | 4 | 1 | 0.4 | | | |
| 0 | | | | | | | | | | | | | | |
| | m | -2 | -1 | 0 | 1 | 2 | 3 | | | | | | | |