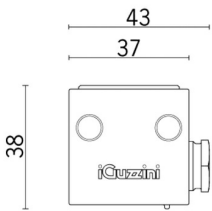


Last information update: October 2024

Product configuration: BY18

BY18: Wall-/Ceiling-mounted - 12 Neutral White LEDs - 24V/500mA dc - L=528mm - Wall Grazing Optic

**Product code**

BY18: Wall-/Ceiling-mounted - 12 Neutral White LEDs - 24V/500mA dc - L=528mm - Wall Grazing 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 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 Neutral White 4000K with 24V/500mA dc electronic circuit (power supply to be ordered separately); 24V/500mA dc 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 Wall Grazing 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 (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 IP66 junction box with quick-coupling terminals (BZK7). 24V/500mA dc electronic power supply to be ordered separately: 32W (BZA0), 25W (K980) and 35W (BZM4)

Notes

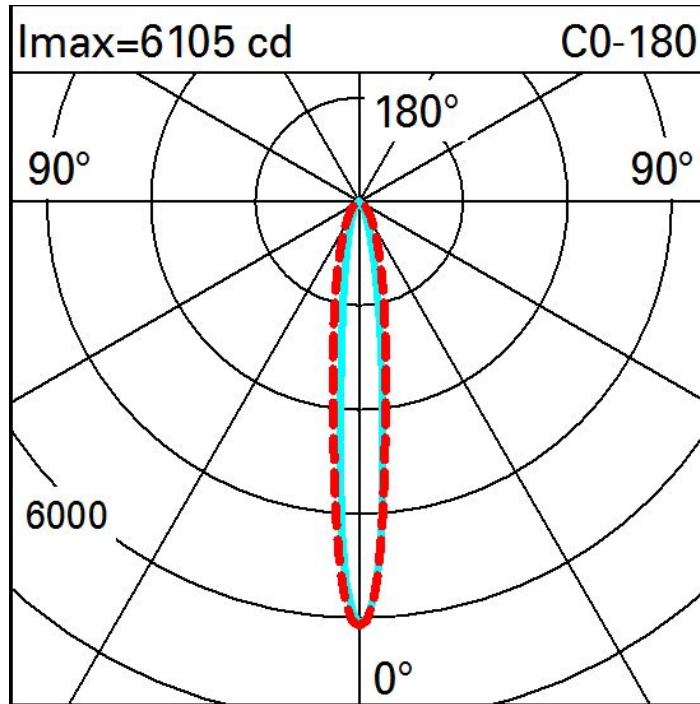
Product complete with LED lamp.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	924	MacAdam Step:	3
W system:	18	Life Time LED 1:	65,000h - L80 - B10 (Ta 25°C)
Im source:	1650	Life Time LED 2:	65,000h - L80 - B10 (Ta 40°C)
W source:	18	Voltage [Vin]:	36
Luminous efficiency (Im/W, real value):	51.3	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.) [%]:	56	Number of optical assemblies:	1
CRI (minimum):	80	Intervallo temperatura ambiente:	from -30°C to 50°C.
Colour temperature [K]:	4000	LED current [mA]:	500

Polar



Illuminances

Lux		Wall distance = 1m													
3															
		0.1	0.2	0.6	2	4	5	4	2	0.6	0.2	0.1			
2		0.6	1	3	5	9	12	9	5	3	1	0.6			
		1	2	4	7	13	16	13	7	4	2	1			
1		1	2	4	10	15	18	15	10	4	2	1			
		1	3	5	8	12	16	12	8	5	3	1			
0															
	m	-2	-1	0	1	2	3								