

Last information update: October 2024

Product configuration: BH18

BH18: 37 surface Full Remote - 18 Neutral White LEDs - 24V dc - L=1585mm - Wall Grazing Optic

**Product code**

BH18: 37 surface Full Remote - 18 Neutral White LEDs - 24V dc - L=1585mm - 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 4200K 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 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=90mm code BZJ8, 200mm code BZJ9) 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 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 dc electronic ballasts to be ordered separately: 120W (BZK0), 240W (9912) and 480W (BZK1)

Notes

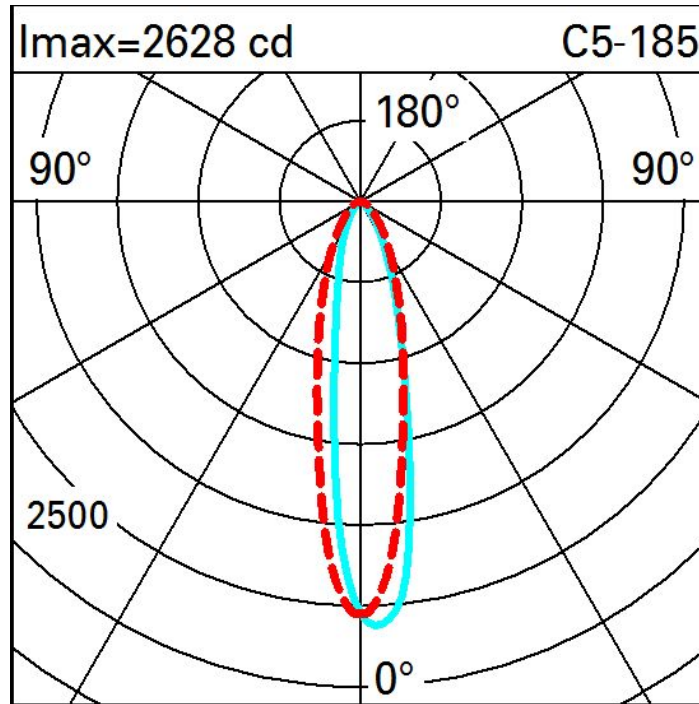
Product complete with LED lamp.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	864	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
W system:	10.3	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
Im source:	1600	Voltage [Vin]:	24
W source:	9.9	Lamp code:	LED
Luminous efficiency (Im/W, real value):	83.9	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	54	Intervallum temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	LED current [mA]:	200
Colour temperature [K]:	4000	Control:	PWM
MacAdam Step:	3		

Polar



Illuminances

Lux													Wall distance = 1m	
3														
	0.2	0.4	1	3	7	10	7	3	1	0.4	0.2			
2	1.0	2	4	8	15	20	15	8	4	2	1.0			
	1	3	5	12	25	32	25	12	5	3	1			
1	2	3	7	14	25	33	25	14	7	3	2			
	2	4	7	13	22	29	22	13	7	4	2			
0														
	m	-2	-1	0	1	2	3							