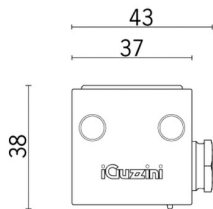


Last information update: April 2024

Product configuration: BK85

BK85: 37 surface Full Remote - Warm White LED - 24V dc - L=1056mm - 30° Flood Optic

**Product code**

BK85: 37 surface Full Remote - Warm White LED - 24V dc - L=1056mm - 30° Flood 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 Warm 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 30° 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=85mm code BZJ8, 200mm code BZJ9) and a plate for surface- or ceiling-mounting made of anodised aluminium (BZJ6).

Colour

Grey (15)

Weight (Kg)

1.59

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

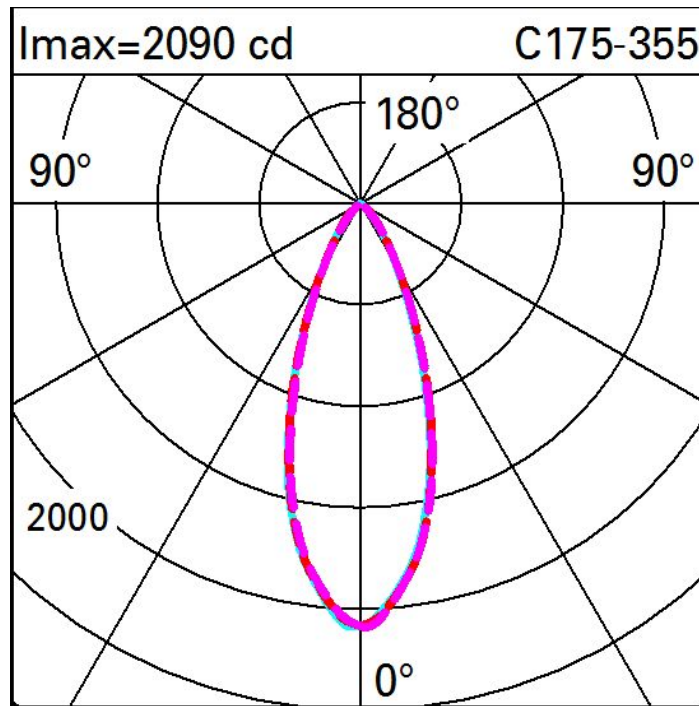
Product complete with LED lamp

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	1080	MacAdam Step:	3
W system:	12.4	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
Im source:	1800	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W source:	12	Voltage [Vin]:	24
Luminous efficiency (Im/W, real value):	87.1	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 [°]:	38°	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	LED current [mA]:	350
Colour temperature [K]:	3000	Control:	PWM

Polar



Illuminances

Lux													Wall distance = 1m	
3														
	0.1	0.2	0.6	2	4	6	4	2	0.6	0.2	0.1			
2	0.4	0.9	2	5	13	22	13	5	2	0.9	0.4			
	0.7	1	4	10	26	43	26	10	4	1	0.7			
1	0.9	2	5	14	34	50	34	14	5	2	0.9			
	1	3	7	17	33	45	33	17	7	3	1			
0														
	m	-2	-1	0	1	2	3							