Linealuce

Design Jean-Michel Wilmotte   **iGuzzini**

Last information update: May 2025

Product configuration: BK41
BK41: 37 surface Full Remote - Warm White LED - 24V dc - L=1056mm - Spot Optic

Product code
BK41: 37 surface Full Remote - Warm White LED - 24V dc - L=1056mm - Spot Optic **Attention! Code no longer in production**

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 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	Weight (Kg)
Grey (15)	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).
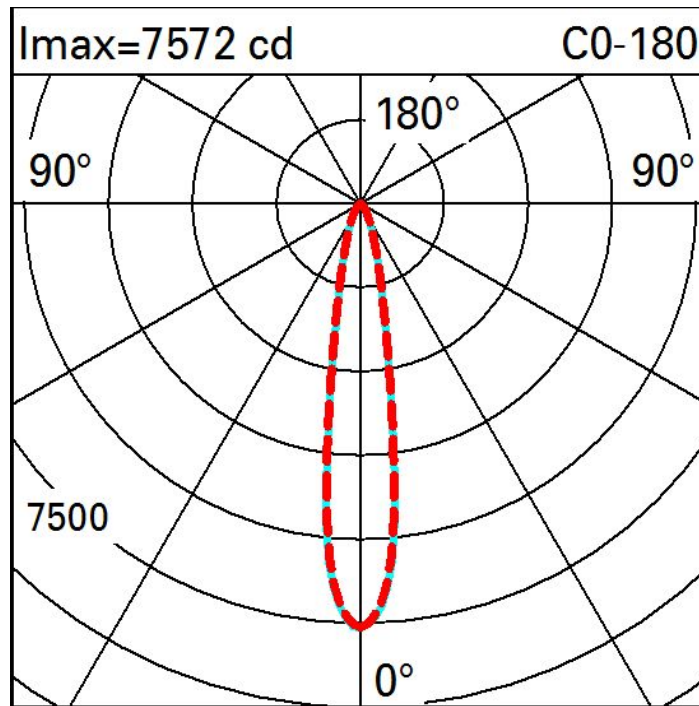
Notes
Product complete with LED lamp

Complies with EN60598-1 and pertinent regulations

III   IK05   IP66   CE   UKCA   S   EAC   QCERT   NOM

Technical data

lm system:	1278	MacAdam Step:	3
W system:	12.4	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
lm source:	1800	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W source:	12	Voltage [Vin]:	24
Luminous efficiency (lm/W, real value):	103.1	Lamp code:	LED
lm 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]:	3000	Control:	PWM

Polar

Imax=7572 cd   C0-180

180°

90°   90°

7500

0°

Illuminances

Lux									Wall distance = 1m	
	0.2	0.7	2	2	2	0.7	0.2			
0.1	0.4	1	3	4	5	4	3	1	0.4	0.1
	0.3	0.8	2	7	26	34	26	7	2	0.8	0.3
0.5	1	4	15	26	35	26	15	4	1	0.5
	0.8	2	7	14	23	33	23	14	7	2	0.8

m   -2   -1   0   1   2   3