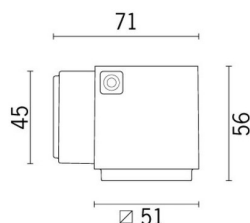
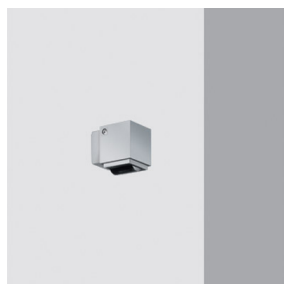


Last information update: June 2018

**Outdoor wall-mounted luminaire - Neutral White LED - max 500mA - Light Blade optic****Product code**

BK02

Technical description

Direct light outdoor wall-mounted luminaire, designed to use neutral white LED lamps, with light blade optic. For wall-mounting with the special base. The luminaire consists of an optical assembly, upper cap and base for fixing to the wall. The optical assembly, upper cap and base are made of die-cast aluminium alloy coated with liquid acrylic paint (grey finish) or textured liquid (white finish) with a high level of resistance to weather and UV rays. The light blade optic lens is made of a two-component material (acrylic and polycarbonate), joined to the optical assembly with silicone. There is a single stainless steel M14x1 cable gland and FEP outlet cables L=150mm, plus an electronic circuit with neutral white LED. The electronic ballast must be ordered separately (max. 500mA). All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN60598-1 standards and particular requirements.

Installation

For wall-mounting with the special aluminium base. Secure using screw anchors for concrete, cement and solid brick. Product can be installed with the light beam in any direction (up, down, right, left, slanting, etc.).

Dimension (mm)

51x51x56

Colour

White (01) | Grey (15)

Weight (Kg)

0.37

Mounting

wall arm|wall surface

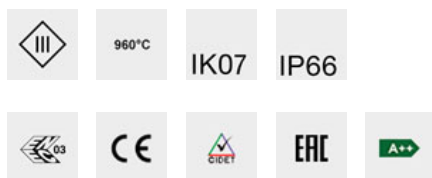
Wiring

Electronic ballast to be ordered separately: 6W/500mA (BZ98), 12W/500mA (BZ99), 20W/500mA (BZA0). Available for electrical connection: Sealed connector kit IP68 (9581), direct connector IP68 (BZK6), junction box with quick-coupling terminals (BZK7)

Notes

Product complete with LED lamp.

Complies with EN60598-1 and pertinent regulations

**Product configuration: BK02****Product characteristics**

Total lighting output [Lm]: 51
 Total power [W]: 4.5
 Luminous efficacy [Lm/W]: 11.4
 Life Time: 100,000h - L80 - B10 (Ta 25°C)
 Ambient temperature range: from -20°C to +35°C.

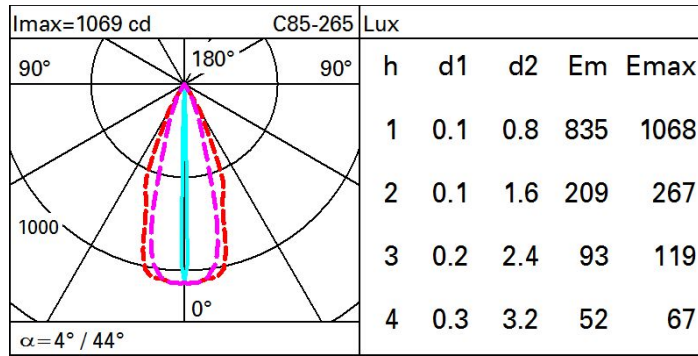
Total luminous flux at or above an angle of 90° [Lm]: 0
 Emergency luminous flux [Lm]: /
 Voltage [V]: -
 Life Time: 100,000h - L80 - B10 (Ta 40°C)
 Number of optical assemblies: 1

Optical assembly Characteristics Type 1

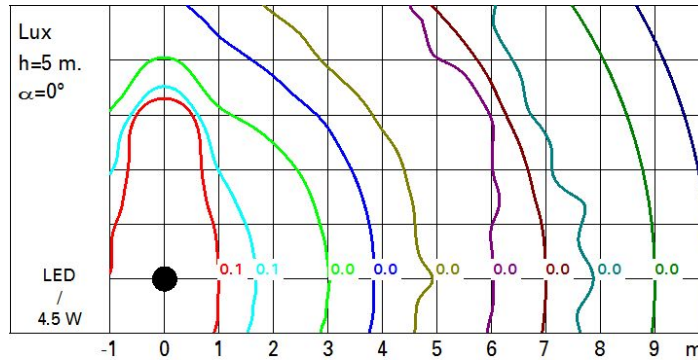
Light Output Ratio (L.O.R.) [%]: 10
 Lamp code: LED
 ZVEI Code: LED
 Nominal power [W]: 4.5
 Nominal luminous [Lm]: 510
 Lamp maximum intensity [cd]: /
 Beam angle [°]: /

Number of lamps for optical assembly: 1
 Socket: /
 Ballast losses [W]: 0
 Colour temperature [K]: 4000
 CRI: 75
 Wavelength [Nm]: /
 MacAdam Step: 3

Polar



Isolux



UGR diagram

Corrected UGR values (at 510 lm bare lamp luminous flux)											
Reflect.:		viewed crosswise					viewed endwise				
ceiling	cav	0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
work pl.		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room dim											
x	y										
2H	2H	-4.0	-1.9	-3.6	-1.6	-1.3	-0.4	1.7	-0.0	2.0	2.3
	3H	-3.5	-2.0	-3.1	-1.6	-1.3	-0.5	1.0	-0.1	1.3	1.7
	4H	-2.6	-1.3	-2.2	-1.0	-0.7	-0.5	0.7	-0.1	1.0	1.4
	6H	-1.1	-0.2	-0.8	0.1	0.5	-0.5	0.4	-0.1	0.8	1.1
	8H	-0.6	0.4	-0.2	0.8	1.1	-0.5	0.4	-0.1	0.8	1.1
	12H	0.2	1.2	0.6	1.6	2.0	-0.6	0.4	-0.2	0.8	1.2
4H	2H	-3.9	-2.7	-3.5	-2.3	-2.0	0.1	1.3	0.4	1.6	1.9
	3H	-3.1	-2.0	-2.7	-1.7	-1.3	0.2	1.2	0.6	1.5	1.9
	4H	-2.0	-0.9	-1.6	-0.5	-0.1	0.1	1.3	0.6	1.7	2.1
	6H	-0.7	1.1	-0.2	1.5	2.0	0.0	1.7	0.5	2.2	2.6
	8H	0.1	1.9	0.6	2.4	2.9	-0.0	1.9	0.5	2.3	2.8
	12H	1.1	3.0	1.6	3.5	4.0	-0.0	1.9	0.5	2.4	2.9
8H	4H	-2.0	-0.1	-1.5	0.4	0.9	1.1	3.0	1.6	3.5	4.0
	6H	-0.1	1.6	0.4	2.1	2.7	1.5	3.2	2.0	3.7	4.2
	8H	1.0	2.5	1.5	3.0	3.5	1.8	3.3	2.3	3.8	4.3
	12H	2.6	3.4	3.1	3.9	4.5	2.3	3.2	2.8	3.7	4.2
12H	4H	-1.9	0.0	-1.4	0.5	1.0	1.9	3.8	2.4	4.3	4.8
	6H	0.2	1.7	0.7	2.2	2.7	2.5	4.0	3.0	4.5	5.0
	8H	1.6	2.5	2.1	2.9	3.5	3.1	4.0	3.7	4.5	5.0
Variations with the observer position at spacing:											
S =	1.0H	0.3 / -0.4					1.3 / -0.7				
	1.5H	0.8 / -0.6					2.6 / -1.0				
	2.0H	1.5 / -0.8					3.9 / -1.2				