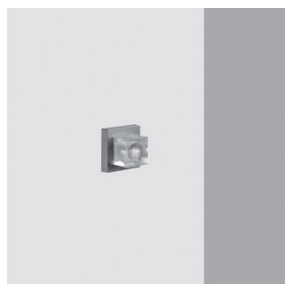


Last information update: May 2018

**Single wall- mounted white 4Vdc F****Product code**

BB07

Technical description

Wall- or ceiling-mounted luminaire designed to use LED light sources with elliptic optic. The product is made up of a support base and a screen. The base is made of die-cast aluminium EN1706AC 46100LF and is subjected to a phosphochromatisation process with double primer and 120°C passivation. The liquid acrylic paint is baked at 150°C and ensures high resistance to the external environment and UV rays. The screen is made of ribbed polymethyl-methacrylate. The wall-anchoring plate is made of stainless steel and has dowels M5x10. All screws are made of stainless steel (A2). The product comes complete with the lamp.

Installation

Wall and ceiling installation.

Dimension (mm)

58x58x41

Colour

Grey (15)

Weight (Kg)

0.15

Mounting

wall arm

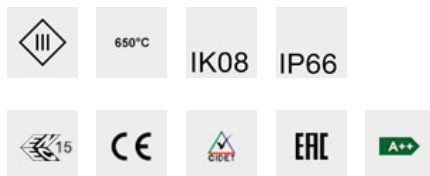
Wiring

Electronic ballast to be ordered separately.

Notes

Complete with lamp. On request available with LED cool white (6700K), red, green and amber.

Complies with EN60598-1 and pertinent regulations

**Product configuration: BB07****Product characteristics**

Total lighting output [Lm]: 49
 Total power [W]: 1.3
 Luminous efficacy [Lm/W]: 37.8
 Life Time: 50,000h - L70 - B20 (Ta 25°C)
 Number of optical assemblies: 1

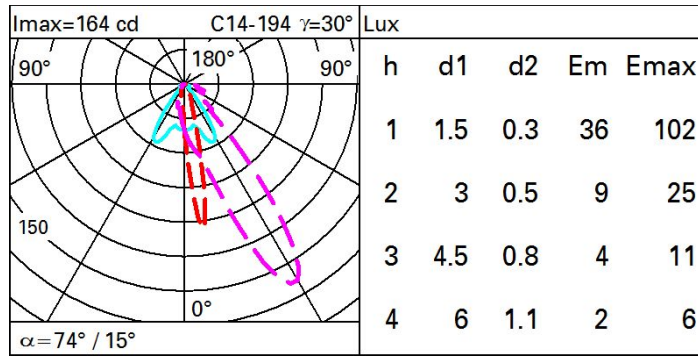
Total luminous flux at or above an angle of 90° [Lm]: 0
 Emergency luminous flux [Lm]: /
 Voltage [V]: 4
 Ambient temperature range: from -20°C to +35°C.

Optical assembly Characteristics Type 1

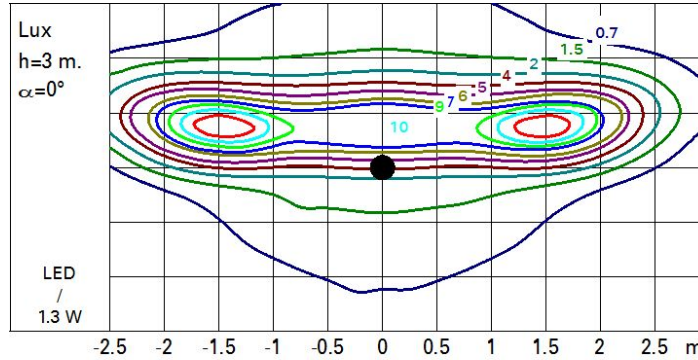
Light Output Ratio (L.O.R.) [%]: 60
 Lamp code: LED
 ZVEI Code: LED
 Nominal power [W]: 1.2
 Nominal luminous [Lm]: 82
 Lamp maximum intensity [cd]: /
 Beam angle [°]: 74° / 15°

Number of lamps for optical assembly: 1
 Socket: /
 Ballast losses [W]: 0.1
 Colour temperature [K]: 3200
 CRI: 80
 Wavelength [Nm]: /
 MacAdam Step: 3

Polar



Isolux



UGR diagram

Corrected UGR values (at 82 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	23.6	24.4	23.9	24.7	24.9	10.9	11.7	11.2	12.0	12.2
	3H	25.2	26.0	25.5	26.3	26.6	11.5	12.3	11.9	12.6	12.9
	4H	26.2	27.0	26.6	27.3	27.6	12.2	12.9	12.5	13.2	13.5
	6H	27.1	27.8	27.5	28.1	28.4	12.8	13.5	13.2	13.8	14.1
	8H	27.4	28.0	27.7	28.4	28.7	13.2	13.8	13.6	14.2	14.5
	12H	27.5	28.2	27.9	28.5	28.9	13.6	14.2	13.9	14.5	14.9
4H	2H	23.4	24.1	23.7	24.4	24.7	13.7	14.4	14.0	14.7	15.0
	3H	25.1	25.7	25.4	26.0	26.4	14.6	15.2	15.0	15.6	15.9
	4H	26.2	26.7	26.6	27.1	27.5	15.2	15.7	15.6	16.1	16.5
	6H	27.7	28.2	28.2	28.6	29.1	15.8	16.3	16.2	16.7	17.1
	8H	28.7	29.2	29.1	29.6	30.0	16.0	16.5	16.5	16.9	17.4
	12H	29.4	29.8	29.8	30.2	30.7	16.5	16.9	16.9	17.3	17.8
8H	4H	26.1	26.5	26.5	26.9	27.4	16.5	17.0	17.0	17.4	17.8
	6H	27.7	28.0	28.1	28.5	29.0	17.3	17.7	17.7	18.1	18.6
	8H	28.8	29.1	29.2	29.6	30.1	17.7	18.0	18.2	18.5	19.0
	12H	29.9	30.2	30.4	30.7	31.2	18.1	18.4	18.6	18.9	19.4
12H	4H	26.0	26.4	26.5	26.9	27.3	16.9	17.3	17.4	17.8	18.2
	6H	27.6	28.0	28.1	28.4	28.9	17.7	18.1	18.2	18.6	19.1
	8H	28.7	29.0	29.2	29.5	30.0	18.2	18.5	18.7	19.0	19.5
Variations with the observer position at spacing:											
S =	1.0H	2.0 / -0.7					0.3 / -0.2				
	1.5H	3.8 / -1.3					0.3 / -0.4				
	2.0H	5.3 / -1.9					0.4 / -0.5				