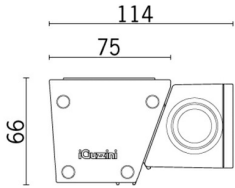


Last information update: May 2018

**Wall-/Ceiling-mounted - Neutral White LEDs - 100-277V ac - L=1585mm - Wall Washer Optic****Product code**

BH12

**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 die-cast aluminium end caps complete with silicone seals. Coated with liquid acrylic paint with a high level of weather and UV ray resistance. Lateral power supply box made of PPS (polyphenylene sulfide). The top of the optical assembly is closed by a 3 mm thick transparent glass screen, fixed with silicone. Complete with multi-LED plate in Neutral White 4200K. Fitted with a PMMA diffusing filter and optic with plastic (methacrylate) lens for Wall Washer lighting. The lateral box is supplied with a double connector, male/female, with 3-pin quick coupling for pass-through wiring and a closing cap on one side. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and particular requirements.

**Installation**

Accessories available for installation:  $\pm 90^\circ$  adjustable arms L=138mm (code 5576), arms extendable from 309 to 389mm and adjustable  $\pm 90^\circ$  (code 5577), bracket for wall-mounting L=350mm (code BZ10), brackets for mounting on balustrades L297mm (code 5578), bracket for surface- or ceiling-mounting L=350mm (code 5570)

**Dimension (mm)**

1585x75x66

**Colour**

Grey (15)

**Weight (Kg)**

4.49

**Mounting**

wall surface|ceiling surface

**Wiring**

The product is supplied with electronic control gear, 220÷240Vac, 50/60Hz contained in the luminaire. Available for electrical connection: IP66 3-pin female connector (BZ12), IP66 3-pin male connector + closing cap (BZ13), IP66 3-pin male connector + female connector (BZ14), multi-pole cable units with 3-pin male + female connectors (BZJ0-BZJ1-BZJ2)

**Notes**

Product complete with LED lamp.

Complies with EN60598-1 and pertinent regulations

**Product configuration: BH12****Product characteristics**

Total lighting output [Lm]: 3381

Total power [W]: 59.7

Luminous efficacy [Lm/W]: 56.6

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: 66,000h - L80 - B10 (Ta 40°C)

Number of optical assemblies: 1

**Optical assembly Characteristics Type 1**

Light Output Ratio (L.O.R.) [%]: 73

Lamp code: LED

ZVEI Code: LED

Nominal power [W]: 53

Nominal luminous [Lm]: 4630

Lamp maximum intensity [cd]: /

Beam angle [°]: /

Number of lamps for optical assembly: 1

Socket: /

Ballast losses [W]: 6.7

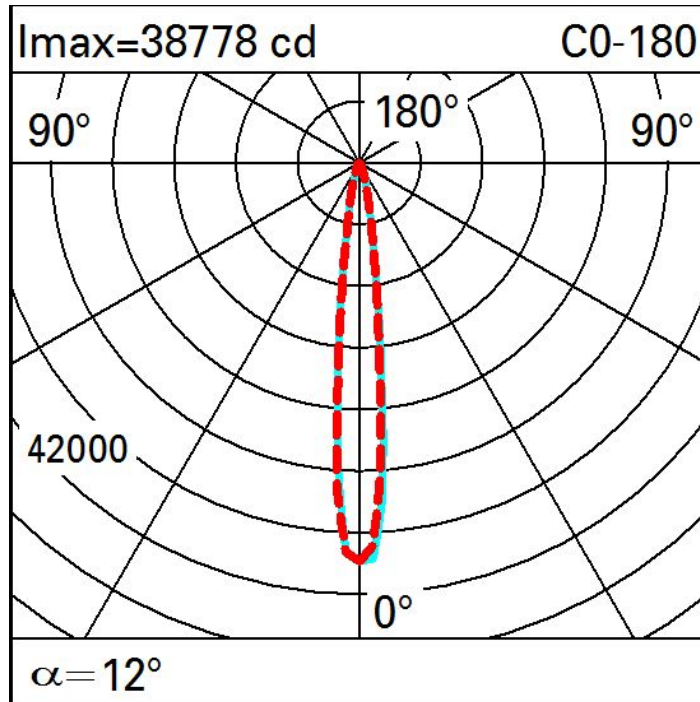
Colour temperature [K]: 4000

CRI: 80

Wavelength [Nm]: /

MacAdam Step: 3

Polar



Illuminances

Lux		Wall distance = 1m																			
3																					
			0.1	0.5	3	10	18	13	5	1	0.3	0.1									
2	0.3	0.9	3	7	17	37	23	11	4	2	0.7										
		0.8	2	4	10	51	60	34	16	6	3	1									
1	1	2	6	24	38	50	35	20	8	4	2										
		1	4	12	18	37	56	39	21	11	5	2									
0																					
	m	-2	-1	0	1	2	3														