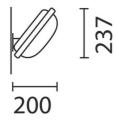
Last information update: May 2018





Wall-mounted - Warm White LED - with 200-240V ac electronic ballast - General light optic

Product code

BH53

Technical description

Wall-mounted luminaire for lighting residential exteriors, designed to use LED lamps. The optical assembly consists of a diffuser screen made of patterned glass and internally painted, fixed on the polycarbonate supporting plate by means of a die-cast aluminium outer frame coated with liquid acrylic paint with a high level of weather and UV ray resistance. Silicone (sulphur-free) seal interposed between screen and plate. Complete with multi-LED power circuit in Warm White 3100K fixed on anodised aluminium supporting plate. The compartment housing the LEDs has IP55 protection. Equipped with grey polycamide PG9 cable clamp suitable for cables with diameter D=7.5-9.5mm. The luminaire can be wall-mounted using a painted polycarbonate arm. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and particular requirements.

Installation

Wall- or ceiling-mounted using wall screw anchors

Dimension (mm)

275x150x105

Colour

Grey (15)

Mounting

wall arm

Wiring

Control gear complete with electronic ballast IP67, 200-240V ac $\pm 10\%$, 50/60Hz and double quick-coupling connector suitable for 2x4mm2 cables.

Notes

Product complete with LED lamp.

Complies with EN60598-1 and pertinent regulations



















Product configuration: BH53

Product characteristics

Total lighting output [Lm]: 479 Total power [W]: 11 Luminous efficacy [Lm/W]: 43.5 Life Time: 100,000h - L80 - B10 (Ta 25°C) Number of optical assemblies: 1 Total luminous flux at or above an angle of 90 $^{\circ}$ [Lm]: 57 Emergency luminous flux [Lm]: /

Voltage [V]: -

Ambient temperature range: from -20°C to +35°C.

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 64 Lamp code: LED ZVEI Code: LED Nominal power [W]: 8.7 Nominal luminous [Lm]: 750 Lamp maximum intensity [cd]: / Beam angle [°]: /

Number of lamps for optical assembly: 1

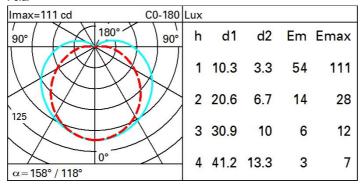
Socket: /

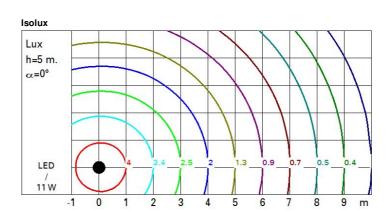
Ballast losses [W]: 2.3 Colour temperature [K]: 3000

CRI: 80

Wavelength [Nm]: / MacAdam Step: 3

Polar





UGR diagram

	0.70 0.50 0.20 16.1 18.4 19.5 20.6 21.2 21.7	0.70 0.30 0.20 17.3 19.4 20.5 21.6 22.1 22.6	0.50 0.50 0.20 viewed crosswise 16.6 18.9 20.1 21.2 21.8 22.3		0.30 0.30 0.20 18.3 20.5 21.7 22.8 23.3 23.8	0.70 0.50 0.20 14.7 15.3 15.6 15.8 15.9 15.9	15.9 16.4 16.6 16.8 16.8	0.50 0.50 0.20 viewed endwise 15.2 15.9 16.2 16.4 16.5	0.50 0.30 0.20 16.4 16.9 17.2 17.3 17.4	0.30 0.30 0.20 16.9 17.5 17.8 18.0 18.0
2H 3H 4H 6H 8H 12H 2H 3H	0.50 0.20 16.1 18.4 19.5 20.6 21.2 21.7	17.3 19.4 20.5 21.6 22.1 22.6	0.50 0.20 viewed crosswis 16.6 18.9 20.1 21.2 21.8 22.3	0.30 0.20 e 17.8 20.0 21.1 22.1 22.7 23.2	0.30 0.20 18.3 20.5 21.7 22.8 23.3 23.8	0.50 0.20 14.7 15.3 15.6 15.8 15.9 15.9	0.30 0.20 15.9 16.4 16.6 16.8 16.8	0.50 0.20 viewed endwise 15.2 15.9 16.2 16.4 16.5	0.30 0.20 16.4 16.9 17.2 17.3	16.9 17.5 17.6 18.0
2H 3H 4H 6H 8H 12H	0.50 0.20 16.1 18.4 19.5 20.6 21.2 21.7	17.3 19.4 20.5 21.6 22.1 22.6	0.20 viewed crosswis 16.6 18.9 20.1 21.2 21.8 22.3	0.20 e 17.8 20.0 21.1 22.1 22.7 23.2	18.3 20.5 21.7 22.8 23.3 23.8	14.7 15.3 15.6 15.8 15.9	15.9 16.4 16.6 16.8 16.8	0.20 viewed endwise 15.2 15.9 16.2 16.4 16.5	16.4 16.9 17.2 17.3 17.4	16.9 17.5 17.6 18.0
2H 3H 4H 6H 8H 12H	16.1 18.4 19.5 20.6 21.2 21.7	17.3 19.4 20.5 21.6 22.1 22.6	16.6 18.9 20.1 21.2 21.8 22.3	17.8 20.0 21.1 22.1 22.7 23.2	18.3 20.5 21.7 22.8 23.3 23.8	14.7 15.3 15.6 15.8 15.9	15.9 16.4 16.6 16.8 16.8	15.2 15.9 16.2 16.4 16.5	16.4 16.9 17.2 17.3 17.4	16.9 17.9 17.0 18.0
2H 3H 4H 6H 8H 12H	18.4 19.5 20.6 21.2 21.7 16.7 19.2	17.3 19.4 20.5 21.6 22.1 22.6	16.6 18.9 20.1 21.2 21.8 22.3	17.8 20.0 21.1 22.1 22.7 23.2	18.3 20.5 21.7 22.8 23.3 23.8	15.3 15.6 15.8 15.9 15.9	15.9 16.4 16.6 16.8 16.8	15.2 15.9 16.2 16.4 16.5	16.4 16.9 17.2 17.3 17.4	17.5 17.6 18.6
2H 3H 4H 6H 8H 12H 2H 3H	18.4 19.5 20.6 21.2 21.7 16.7 19.2	17.3 19.4 20.5 21.6 22.1 22.6	16.6 18.9 20.1 21.2 21.8 22.3	17.8 20.0 21.1 22.1 22.7 23.2	20.5 21.7 22.8 23.3 23.8	15.3 15.6 15.8 15.9 15.9	15.9 16.4 16.6 16.8 16.8	15.2 15.9 16.2 16.4 16.5	16.4 16.9 17.2 17.3 17.4	17.5 17.6 18.6
3H 4H 6H 8H 12H 2H 3H	18.4 19.5 20.6 21.2 21.7 16.7 19.2	19.4 20.5 21.6 22.1 22.6	18.9 20.1 21.2 21.8 22.3	20.0 21.1 22.1 22.7 23.2	20.5 21.7 22.8 23.3 23.8	15.3 15.6 15.8 15.9 15.9	16.4 16.6 16.8 16.8 16.8	15.9 16.2 16.4 16.5	16.9 17.2 17.3 17.4	17.5 17.6 18.6
4H 6H 8H 12H 2H 3H	19.5 20.6 21.2 21.7 16.7 19.2	20.5 21.6 22.1 22.6	20.1 21.2 21.8 22.3	21.1 22.1 22.7 23.2	21.7 22.8 23.3 23.8	15.6 15.8 15.9 15.9	16.6 16.8 16.8 16.8	16.2 16.4 16.5	17.2 17.3 17.4	17.6 18.6
6H 8H 12H 2H 3H	20.6 21.2 21.7 16.7 19.2	21.6 22.1 22.6 17.7	21.2 21.8 22.3	22.1 22.7 23.2	22.8 23.3 23.8	15.8 15.9 15.9	16.8 16.8 16.8	16.4 16.5	17.3 17.4	18.
2H 3H	21.2 21.7 16.7 19.2	22.1 22.6 17.7	21.8 22.3 17.2	22.7 23.2	23.3 23.8	15.9 15.9	16.8 16.8	16.5	17.4	18.
12H 2H 3H	21.7 16.7 19.2	22.6 17.7	22.3 17.2	23.2	23.8	15.9	16.8			
2H 3H	16.7 19.2	17.7	17.2	(0.0000)	20000	02070	1 0400	16.5	17.4	18.
ЗН	19.2			18.2	19.9	10022000	1 Colotto	V222500 P		
	(62,54	20.1			10.0	17.1	18.1	17.7	18.7	19.
41.1		2775 3775	19.8	20.6	21.3	17.9	18.8	18.5	19.4	20.
4H	20.5	21.3	21.1	21.9	22.5	18.4	19.2	19.0	19.8	20.
бН	21.8	22.5	22.4	23.1	23.8	18.8	19.5	19.4	20.1	20.
H8	22.5	23.1	23.1	23.7	24.5	19.0	19.6	19.6	20.3	21.
12H	23.1	23.7	23.7	24.3	25.1	19.1	19.7	19.8	20.4	21.
4H	20.8	21.5	21.4	22.1	22.8	19.5	20.2	20.2	20.8	21.
6H	22.3	22.9	23.0	23.6	24.3	20.2	20.7	20.8	21.4	22.
H8	23.1	23.6	23.8	24.3	25.1	20.5	21.0	21.2	21.7	22.
12H	24.0	24.4	24.6	25.1	25.9	20.8	21.3	21.5	22.0	22.
4H	20.8	21.4	21.5	22.1	22.8	19.9	20.5	20.5	21.1	21.
бН	22.4	22.9	23.1	23.6	24.4	20.5	21.1	21.2	21.7	22.
H8	23.3	23.7	24.0	24.4	25.2	21.0	21.4	21.6	22.1	22.
ns wi	th the ob	oserverp	noitieo	at spacin	g:					
1.0H	0.1 / -0.1					0.1 / -0.1				
1.5H	0.2 / -0.2					0.2 / -0.2				
6 8	BH BH BS Wi	22.4 23.3 3 with the ol 0 H	3H 22.4 22.9 3H 23.3 23.7 S with the observer p 0H 0 5H 0	OH 22.4 22.9 23.1 OH 23.3 23.7 24.0 OH 0.1 / -0 OH 0.2 / -0	OH 22.4 22.9 23.1 23.0 BH 23.3 23.7 24.0 24.4 SH 0.1 / -0.1	OH 22.4 22.9 23.1 23.6 24.4 25.2 29.0 24.4 25.2 29.0 24.4 25.2 29.0 24.4 25.2 29.0 24.4 25.2 29.0 24.4 25.2 29.0 24.4 25.2 29.0 29.0 29.0 29.0 29.0 29.0 29.0 29	OH 22.4 22.9 23.1 23.6 24.4 20.5 21.0 23.3 23.7 24.0 24.4 25.2 21.0 29 with the observer position at spacing: OH 0.1 / -0.1 5H 0.2 / -0.2	0H 22.4 22.9 23.1 23.6 24.4 20.5 21.1 23.3 23.7 24.0 24.4 25.2 21.0 21.4 29.9 with the observer position at spacing: 0H 0.1 / -0.1 0.5 0.2 / -0.2 0	OH 22.4 22.9 23.1 23.6 24.4 20.5 21.1 21.2 23.3 23.7 24.0 24.4 25.2 21.0 21.4 21.6 es with the observer position at spacing: OH 0.1 / -0.1 0.1 / -0.1 0.1 / -0.5 0.2 / -0.2	OH 22.4 22.9 23.1 23.6 24.4 20.5 21.1 21.2 21.7 OH 23.3 23.7 24.0 24.4 25.2 21.0 21.4 21.6 22.1 OH 0.1 / -0.1