

BEGA**33 386**

Wall luminaire



Project · Reference number

Date

Product data sheet

Application

Wall washer with asymmetrical light distribution for the spatial deep illumination of floor spaces in front of walls and façades.

The luminaire can be installed with the light distribution opening upwards or downwards.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
 BEGA Unidure® coating technology
 Safety glass with optical structure
 Silicone gasket
 Reflector made of pure anodised aluminium
 4 mounting holes $\varnothing$ 6,5 mm
 Distance 280 x 70 mm
 2 cable entries for through-wiring of mains supply cable $\varnothing$ 7-10,5 mm, max. 5 G 1.5[□]
 Connecting terminal and earth conductor terminal 2.5[□]
 BEGA Ultimate Driver®
 LED power supply unit
 220-240 V $\sim$ 0/50-60 Hz
 DC 176-264 V
 DALI-controllable
 Basic insulation is provided between the mains and control cables
 BEGA Thermal Control®
 Temporary thermal regulation to protect temperature-sensitive components without switching off the luminaire
 Safety class I
 Protection class IP 65
 Dust-tight and protection against water jets
 Impact strength IK05
 Protection against mechanical impacts < 0.7 joule
 – Safety mark
 – Conformity mark
 Weight: 5.4 kg

Lighting technology

Luminaire data for the DIALux lighting design program for outdoor lighting, street lighting and indoor lighting, as well as luminaire data in EULUMDAT and IES format are available on the BEGA website at www.bega.com.

Lamp

Module connected wattage	29.1 W
Luminaire connected wattage	31.5 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{ max}} = 60^\circ\text{C}$

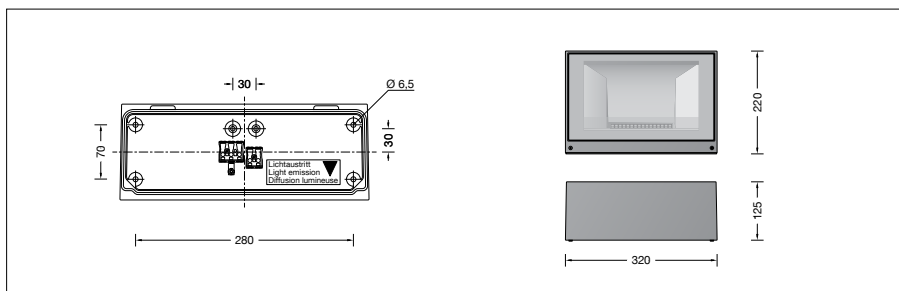
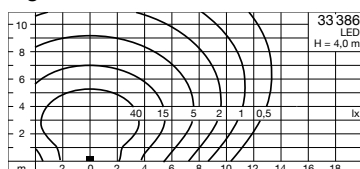
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Module designation	LED-0831/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	5640 lm
Luminaire luminous flux	4651 lm
Luminaire luminous efficiency	147,7 lm/W

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Module designation	LED-0831/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	5800 lm
Luminaire luminous flux	4783 lm
Luminaire luminous efficiency	151,8 lm/W

Light distribution



Service life · Ambient temperature

Rated temperature $t_a = 25^\circ\text{C}$	
LED psu:	> 50,000 h
LED module:	> 200,000 h (L 80 B 50) 100,000 h (L 90 B 50)

Ambient temperature max. $t_a = 60^\circ\text{C}$ (100 %)	
LED psu:	50,000 h
LED module:	58,000 h (L 80 B 50) 88,000 h (L 70 B 50)

Ratio of luminous flux

Luminous flux upper half-space	0 %
Luminous flux lower half-space	100 %

BUG rating according to IES TM-15-07:

2-0-1

CEN Flux Code according to EN 13032-2:

39-79-97-100-100

Inrush current

Inrush current: 5 A / 100 μs
 Maximum number of luminaires of this type per miniature circuit breaker:
 B 10 A: 35 luminaires
 B 16 A: 56 luminaires
 C 10 A: 35 luminaires
 C 16 A: 56 luminaires

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LED colour temperature optionally 3000 K or 4000 K

3000 K – Article number + **K3**

4000 K – Article number + **K4**

Colour optionally graphite, white or silver

Graphite – Article number

White – Article number + **W**

Silver – Article number + **A**