

BEGA**22 433**

Wall washer



Project · Reference number

Date

Product data sheet

Application

LED wall washer with asymmetrical light distribution for illuminating wall, ceiling and floor surfaces.

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

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
Clear safety glass
Silicone gasket
Reflector made of pure anodised aluminium
Mounting plate with 3 fixing holes \varnothing 5.3 mm
Angle 120° · Pitch circle \varnothing 52 mm
1 cable entry for mains supply cable
up to \varnothing 10,5 mm max. $5 \times 1,5^{\square}$
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-264 V
DALI controllable
A basic isolation exists between power cable
and control line
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 IK10
Protection against mechanical
impacts < 20 joule
 – Safety mark
 – Conformity mark
Weight: 2.2 kg

Light technique

Luminaire data for the light planning program
DIALux for outdoor lighting, street lighting and
indoor lighting as well as luminaire data in
EULUMDAT- and IES-format you will find on the
BEGA web page www.bega.com.

Lamp

Module connected wattage	15.4 W
Luminaire connected wattage	17.8 W
Rated temperature	$t_a = 25^{\circ}\text{C}$
Ambient temperature	$t_{a \max} = 45^{\circ}\text{C}$

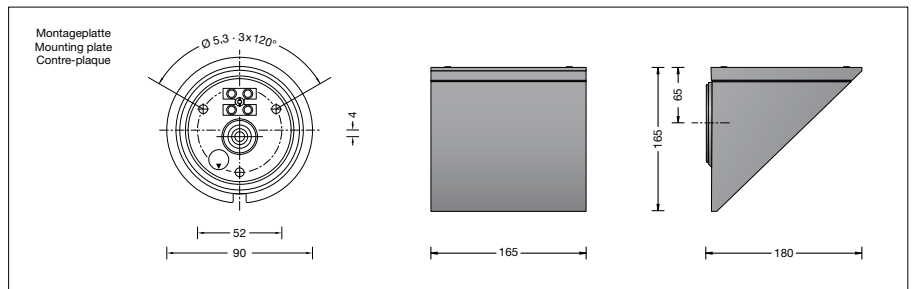
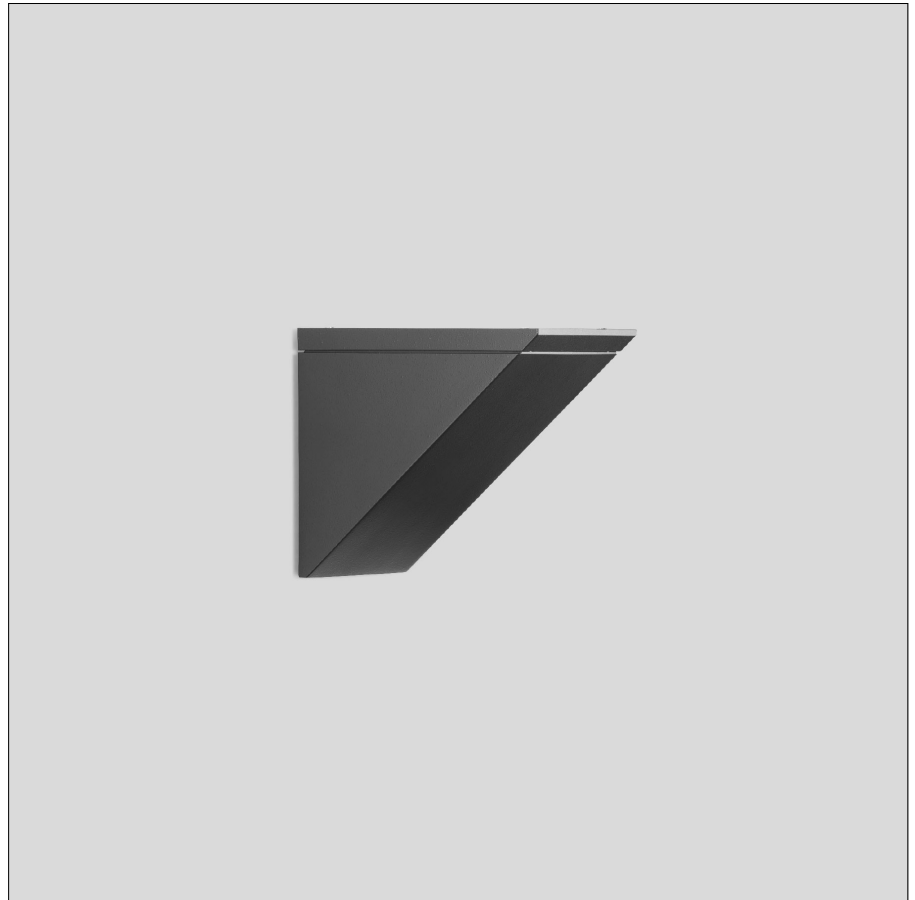
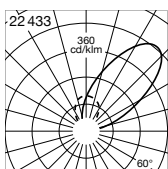
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Module designation	LED-0260/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	3010 lm
Luminaire luminous flux	2055 lm
Luminaire luminous efficiency	115,4 lm/W

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Module designation	LED-0260/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	3095 lm
Luminaire luminous flux	2113 lm
Luminaire luminous efficiency	118,7 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 $t_{a \max} = 45^{\circ}\text{C}$ (100 %)	
LED psu:	50,000 h
LED module:	106,000 h (L 80 B 50)

Ambient temperature $t_{a \max} = 50^{\circ}\text{C}$ (92 %)	
LED psu:	50,000 h
LED module:	50,000 h

BEGA Thermal Control® protects temperature-sensitive luminaire components by temporarily limiting the nominal power at high temperatures.

Inrush current

Inrush current: 5 A / 100 μs
Maximum number of luminaires of this
type per miniature circuit breaker:

B 10 A:	56 luminaires
B 16 A:	90 luminaires
C 10 A:	56 luminaires
C 16 A:	90 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**