

BEGA**22 458**

Wall washer



Project · Reference number

Date

Product data sheet

Application

LED wall washer with symmetrical light distribution for the illumination of façades and wall surfaces with the mounting surface being the reflection surface.

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 5.5 mm
Angle 120° · Pitch circle \varnothing 85 mm
2 cable entries for through-wiring of mains
supply cable \varnothing 7-10.5 mm, max. 5G1.5[□]
Connecting terminal 2.5[□]
with plug connection
Earth conductor connection
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 170-280 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
CE – Conformity mark
Weight: 5.2 kg

Lamp

Module connected wattage	31.1 W
Luminaire connected wattage	35.6 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 40^\circ\text{C}$

On request we can offer you modifications for environments with higher temperatures as a customized product.

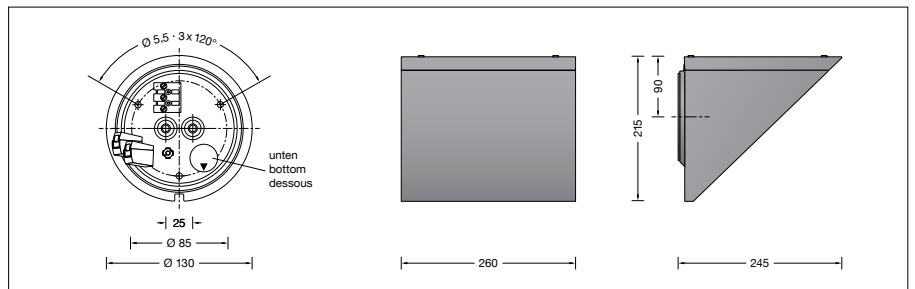
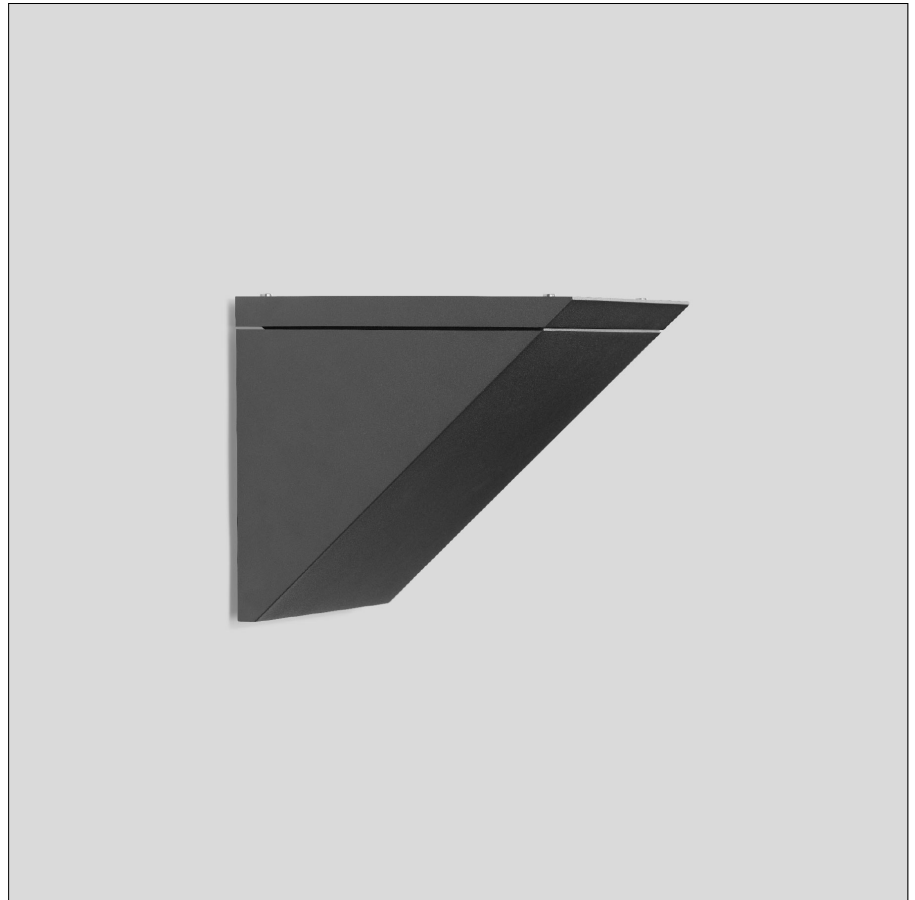
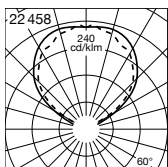
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Module designation	LED-0496/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	6030 lm
Luminaire luminous flux	4597 lm
Luminaire luminous efficiency	129,1 lm/W

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Module designation	LED-0496/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	6200 lm
Luminaire luminous flux	4727 lm
Luminaire luminous efficiency	132,8 lm/W

Light distribution



Service life · Ambient temperature

Rated temperature $t_a = 25^\circ\text{C}$	
LED psu:	> 50,000h
LED module:	> 200,000h (L80B50)
	100,000h (L90B50)

Ambient temperature $t_{a\text{max}} = 40^\circ\text{C}$ (100 %)	
LED psu:	50,000h
LED module:	133,000h (L80B50)

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.

Inrush current

Inrush current: 10 A / 200 μs
Maximum number of luminaires of this type per miniature circuit breaker:

B 10A:	18 luminaires
B 16A:	30 luminaires
C 10A:	31 luminaires
C 16A:	51 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**