

BEGA**24 595**

Wall luminaire

IP 64

Project · Reference number

Date

Product data sheet

Application

Wall washer with two-sided light output.
This luminaire can solve a host of lighting and design tasks in architecture.
The light directed downwards is intended to illuminate the wall and the horizontal surface in front of it.
The light directed upwards is very highly concentrated by an optical silicone lens and primarily serves design purposes.

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
Safety glass
Silicone gasket
Reflector made of pure anodised aluminium
2 mounting holes \varnothing 4.5 mm
Distance apart 85 mm
2 cable entries for through-wiring of mains supply cable \varnothing 7-10.5 mm, max. 5 G 1.5[□]
Connecting terminal 2.5[□]
with plug connection
Earth conductor connection
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-280 V
DALI controllable
A basic isolation exists between power cable and control line
Safety class I
Protection class IP 64
Dust-tight and protection against splash water
Impact strength IK06
Protection against mechanical impacts < 1 joule
CE – Conformity mark
Weight: 1.7 kg

Lamp

Module connected wattage	8 W
Luminaire connected wattage	10.5 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 35^\circ\text{C}$

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

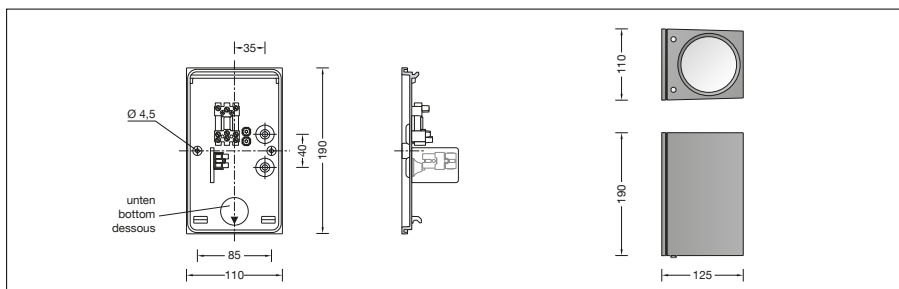
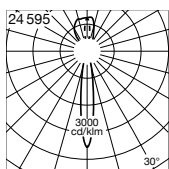
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Module designation	LED-0680/830 + LED-0684/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1120 lm
Luminaire luminous flux	435 lm
Luminaire luminous efficiency	31,4 lm/W

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Module designation	LED-0680/840 + LED-0684/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	1180 lm
Luminaire luminous flux	458 lm
Luminaire luminous efficiency	43,6 lm/W

Light distribution



Service life of the LED

Ambient temperature $t_a = 25^\circ\text{C}$
– at 400,000h: L70B50

max. ambient temperature $t_a = 35^\circ\text{C}$
– at 340,000h: L70B50

Light technique

Wall luminaire with two light distribution openings.
Upward light distribution opening with very narrow beam light distribution. Light bunching by means of an optical lens made of silicone.
Half beam angle 12°
Downward light distribution opening with narrow beam light distribution.
Half beam angle 16°

Inrush current

Inrush current: 5 A / 50 μs
Maximum number of luminaires of this type per miniature circuit breaker:
B10A: 31 luminaires
B16A: 50 luminaires
C10A: 52 luminaires
C16A: 85 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**