

**BEGA****24 597**

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  $\varnothing$  6 mm  
Distance apart 125 mm  
2 cable entries for through-wiring of mains supply cable  $\varnothing$  7-10.5 mm, max. 5G1.5<sup>□</sup>  
Connecting terminal 2.5<sup>□</sup>  
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 Switch<sup>®</sup>  
Temporary thermal shutdown to protect temperature-sensitive components  
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: 3.4 kg

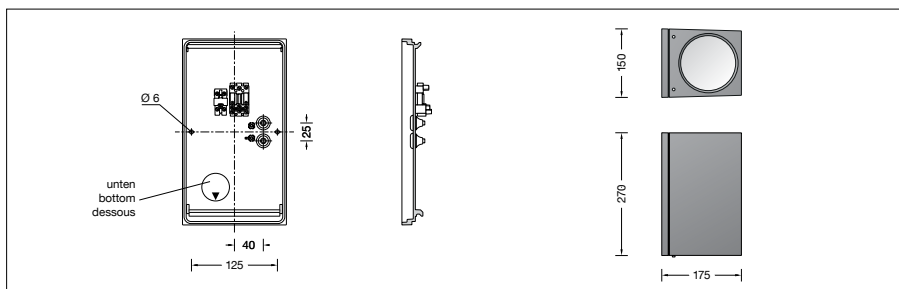
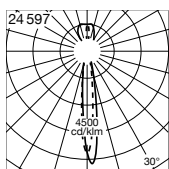
### Inrush current

Inrush current: 10 A / 200  $\mu$ s  
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

### Light technique

Wall luminaire with two light distribution openings.  
Upward light distribution opening with very narrow beam light distribution. Light bunching by means of a optical lens made of silicone.  
Half beam angle 9°  
Downward light distribution opening with narrow beam light distribution.  
Half beam angle 16°

### Light distribution



### Lamp

Module connected wattage 33 W  
Luminaire connected wattage 38.4 W  
Rated temperature  $t_a = 25$  °C  
Ambient temperature  $t_{a \max} = 30$  °C

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

### 24 597 K3

Module designation LED-0681/830 + LED-0683/830  
Colour temperature 3000 K  
Colour rendering index CRI > 80  
Module luminous flux 4200 lm  
Luminaire luminous flux 1869 lm  
Luminaire luminous efficiency 48,7 lm/W

### 24 597 K4

Module designation LED-0681/840 + LED-0683/840  
Colour temperature 4000 K  
Colour rendering index CRI > 80  
Module luminous flux 4420 lm  
Luminaire luminous flux 1967 lm  
Luminaire luminous efficiency 51,2 lm/W

### Service life · Ambient temperature

Rated temperature  $t_a = 25$  °C  
LED psu: > 50,000 h  
LED module: 170,000 h (L.80B50)

Ambient temperature  $t_{a \max} = 30$  °C (100 %)  
LED psu: 50,000 h  
LED module: 150,000 h (L.80B50)

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LED colour temperature optionally 3000K or 4000K  
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**