

BEGA**24 596**

Wall luminaire

IP 64

Project · Reference number

Date

Product data sheet

Application

Wall luminaire 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 purposed.

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
BEGA Unidure® coating technology
Safety glass
Silicone gasket
Reflector made of pure anodised aluminium
2 mounting holes \varnothing 4.5 mm
Distance apart 105 mm
2 cable entries for through-wiring of mains
supply cable \varnothing 7-10.5 mm, max. 5 G 1.5²
Connecting terminal 2.5²
with plug connection
Earth conductor connection
BEGA Ultimate Driver®
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 64
Dust-tight and protection against splash water
Impact strength IK06
Protection against mechanical
impacts < 1 joule
CE – Conformity mark
Weight: 2.3 kg

Lamp

| | |
|-----------------------------|---------------------------------------|
| Module connected wattage | 15.8 W |
| Luminaire connected wattage | 18 W |
| Rated temperature | $t_a = 25^\circ\text{C}$ |
| Ambient temperature | $t_{a\text{ max}} = 50^\circ\text{C}$ |

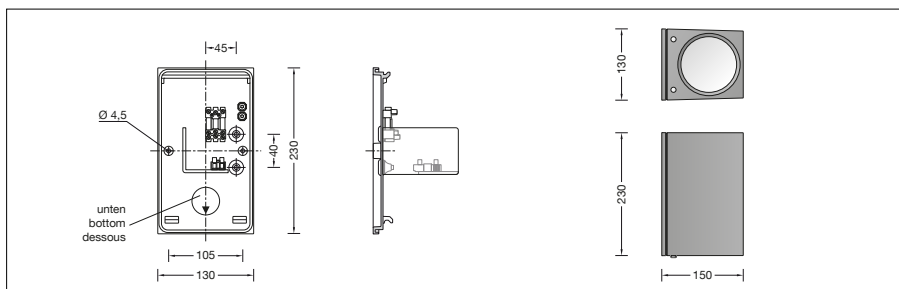
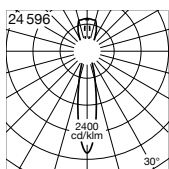
24 596 K3

| | |
|-------------------------------|-----------------------------|
| Module designation | LED-0681/830 + LED-0683/830 |
| Colour temperature | 3000 K |
| Colour rendering index | CRI > 80 |
| Module luminous flux | 2250 lm |
| Luminaire luminous flux | 1038 lm |
| Luminaire luminous efficiency | 57,7 lm/W |

24 596 K4

| | |
|-------------------------------|-----------------------------|
| Module designation | LED-0681/840 + LED-0683/840 |
| Colour temperature | 4000 K |
| Colour rendering index | CRI > 80 |
| Module luminous flux | 2370 lm |
| Luminaire luminous flux | 1093 lm |
| Luminaire luminous efficiency | 60,7 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 $t_{a\text{ max}} = 50^\circ\text{C}$ (100 %) | |
| LED psu: | 50,000 h |
| LED module: | 155,000 h (L 80 B 50) |

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 20°

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

Article No. 24 596

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**