

BEGA**24 594**

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 purposes.

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 4.3 mm
Distance apart 50 mm
2 cable entries for through-wiring of mains
supply cable \varnothing 7-10.5 mm
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
BEGA Thermal Switch®
Temporary thermal shutdown to protect
temperature-sensitive components
Safety class I
Protection class IP 64
Dust-tight and protection against splash water
Impact strength IK03
Protection against mechanical
impacts < 0.35 joule
CE – Conformity mark
Weight: 0.75 kg

Lamp

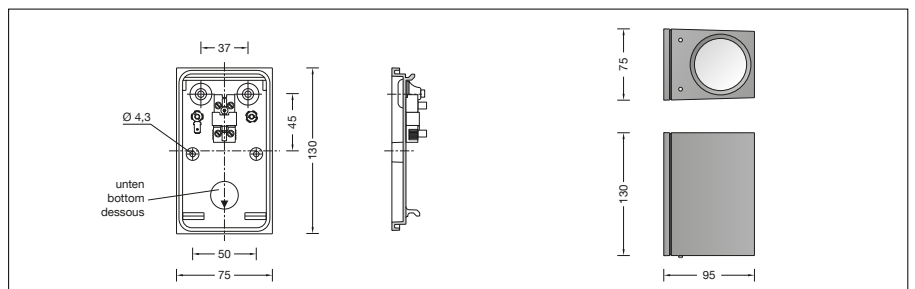
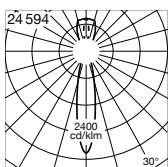
Module connected wattage 3.8 W
Luminaire connected wattage 4.9 W
Rated temperature $t_a = 25\text{ }^\circ\text{C}$
Ambient temperature $t_{a\text{max}} = 50\text{ }^\circ\text{C}$

24 594 K3

Module designation
LED-0680/830 + LED-0684/830
Colour temperature 3000 K
Colour rendering index CRI > 80
Module luminous flux 585 lm
Luminaire luminous flux 274 lm
Luminaire luminous efficiency 55,9 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 620 lm
Luminaire luminous flux 290 lm
Luminaire luminous efficiency 59,2 lm/W

Light distribution**Service life · Ambient temperature**

Rated temperature $t_a = 25\text{ }^\circ\text{C}$
LED psu: > 50,000 h
LED module: > 200,000 h (L80 B50)
100,000 h (L90 B50)

Ambient temperature $t_{a\text{max}} = 50\text{ }^\circ\text{C}$ (100 %)
LED psu: 50,000 h
LED module: 195,000 h (L80 B50)

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 13°
Downward light distribution opening with narrow beam light distribution.
Half beam angle 20°

Inrush current

Inrush current: 7 A / 112 μs
Maximum number of luminaires of this type per miniature circuit breaker:
B 10 A: 38 luminaires
B 16 A: 61 luminaires
C 10 A: 64 luminaires
C 16 A: 102 luminaires

Article No. 24 594

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**