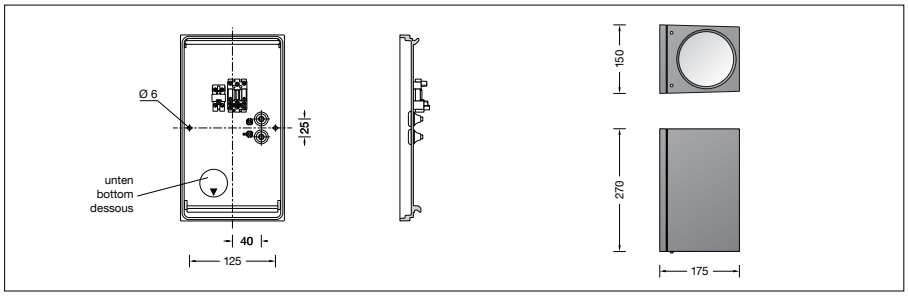
BEGA 24 597

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 ø 6 mm
Distance apart 125 mm
2 cable entries for through-wiring of mains supply cable ø 7-10.5 mm, max. 5G1.5□
Connecting terminal 2.5□
with plug connection
Earth conductor connection
LED power supply unit
220-240 V ∿ 0/50-60 Hz
DC 170-280 V
DALI controllable
A basic isolation exists between power cable and control line
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 IK06
Protection against mechanical impacts < 1 joule
CE – Conformity mark
Weight: 3.4 kg

Inrush current
Inrush current: 10 A / 200 µs
Maximum number of luminaires of this type per miniature circuit breaker:
B10A: 18 luminaires
B16A: 30 luminaires
C10A: 31 luminaires
C16A: 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°

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 enviroments 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 (L80B50)

Ambient temperature $t_{a\,max}$ = 30 °C (100 %)
LED psu: 50,000 h
LED module: 150,000 h (L80B50)

Article No. 24 597
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**

Light distribution