

BEGA**31 087**

Wall luminaire



Project · Reference number

Date

Product data sheet

Application

LED wall luminaire made of copper and opal glass.
For many lighting tasks on or in buildings.

Product description

Luminaire made of copper, brass and stainless steel
Opal glass with screw neck
Silicone gasket
Mounting plate with 2 fixing holes \varnothing 5.5 mm · 70 mm spacing
1 cable entry for mains supply cable up to \varnothing 10,5 mm max. $3 \times 1,5^{\square}$
Connection terminal 2.5^{\square}
Earth conductor connection
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-280 V
BEGA Thermal Switch®
Temporary thermal shutdown to protect temperature-sensitive components
Safety class I
Protection class IP 44
Protected against granular foreign bodies > 1 mm and splash water
Impact strength IK06
Protection against mechanical impacts < 1 joule
 – Safety mark
CE – Conformity mark
Weight: 11.1 kg

Copper

The luminaire parts made of solid copper are delivered with the metal's natural surface colour. Time and weather factors create the natural patina characteristic for copper.

Light technique

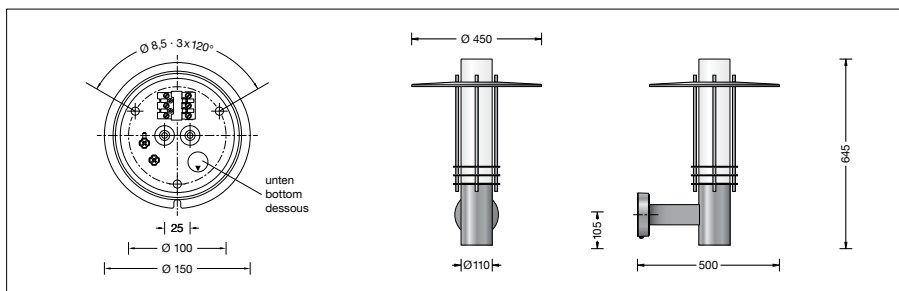
Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and indoor lighting as well as luminaire data in EULUMDAT- and IES-format you will find on the BEGA web page www.bega.com.

Lamp

| | |
|-----------------------------|-----------------------------------|
| Module connected wattage | 13.3 W |
| Luminaire connected wattage | 15.6 W |
| Rated temperature | $t_a = 25^{\circ}\text{C}$ |
| Ambient temperature | $t_{a \max} = 50^{\circ}\text{C}$ |

31 087 K3

| | |
|-------------------------------|--------------|
| Module designation | LED-0904/830 |
| Colour temperature | 3000 K |
| Colour rendering index | CRI > 80 |
| Module luminous flux | 2750 lm |
| Luminaire luminous flux | 1743 lm |
| Luminaire luminous efficiency | 111,7 lm/W |



Service life · Ambient temperature

| | |
|---|--|
| Rated temperature $t_a = 25^{\circ}\text{C}$ | |
| LED psu: | > 50,000h |
| LED module: | > 200,000h (L80 B50) 100,000h (L90 B50) |
| Ambient temperature $t_{a \max} = 50^{\circ}\text{C}$ (100 %) | |
| LED psu: | 50,000h |
| LED module: | 70,000h (L80 B50) 100,000h (L70 B50) |

Inrush current

Inrush current: 20 A / 80 μs
Maximum number of luminaires of this type per miniature circuit breaker:

| | |
|--------|---------------|
| B 10A: | 35 luminaires |
| B 16A: | 56 luminaires |
| C 10A: | 58 luminaires |
| C 16A: | 94 luminaires |