

BEGA**31 159**

Wall luminaire



Project · Reference number

Date

Product data sheet

Application

Impact resistant wall luminaire made of massive bronze alloy.

Luminaire for versatile applications where a highly robust construction and corrosion resistance are required.

Product description

Luminaire made of bronze alloy, brass and stainless steel

Crystal glass with optical texture, white inside

Silicone gasket

Toolless closure

2 mounting holes \varnothing 5.5 mm

Distance apart 100 mm

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

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 65

Dust-tight and protection against water jets

Impact strength IK07

Protection against mechanical

impacts < 2 joule

– Safety mark

– Conformity mark

Weight: 4.0 kg

Inrush current

Inrush current: 7 A / 112 μ s

Maximum number of luminaires of this type per miniature circuit breaker:

B 10A: 38 luminaires

B 16A: 61 luminaires

C 10A: 64 luminaires

C 16A: 102 luminaires

Bronze

The luminaire is made of massive bronze and delivered with the metal's natural surface.

Time and weather factors create the natural patina characteristic for bronze.

Lamp

Module connected wattage 3,9 W

Luminaire connected wattage 5 W

Rated temperature $t_a = 25^{\circ}\text{C}$

Ambient temperature $t_{a \max} = 55^{\circ}\text{C}$

31 159 K3

Module designation LED-0480/830

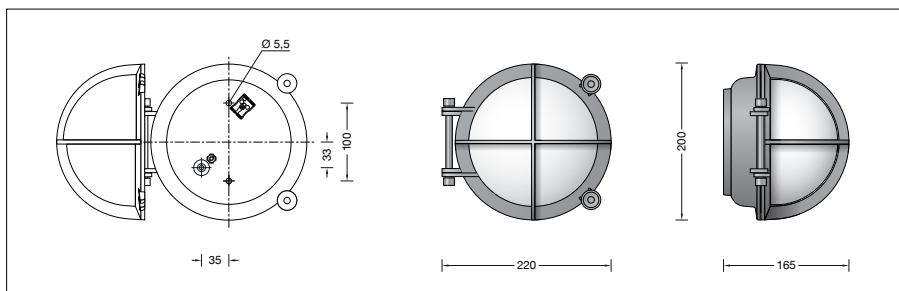
Colour temperature 3000 K

Colour rendering index CRI > 80

Module luminous flux 715 lm

Luminaire luminous flux 388 lm

Luminaire luminous efficiency 77,6 lm/W



Service life · Ambient temperature

Rated temperature $t_a = 25^{\circ}\text{C}$

LED psu: > 50,000h

LED module: > 200,000h (L 80 B 50)

100,000h (L 90 B 50)

Ambient temperature $t_{a \max} = 55^{\circ}\text{C}$ (100 %)

LED psu: 50,000h

LED module: 110,000h (L 80 B 50)

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.