

BEGA**31 148**

Wall luminaire



Project · Reference number

Date

Product data sheet

Application

Impact resistant LED wall luminaire made of massive bronze alloy.

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

The used LED technique offers durability and optimal light output with low power consumption at the same time.

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 140 mm

2 cable entries for through-wiring of mains supply cable \varnothing 7-10.5 mm

Connection terminal 2.5²

Earth conductor connection

LED power supply unit

220-240 V \sim 0/50-60 Hz

DC 176-280 V

Safety class I

Protection class IP 65

Dust-tight and protection against water jets

Impact strength IK06

Protection against mechanical

impacts < 1 joule

– Safety mark

– Conformity mark

Weight: 7.3 kg

Inrush current

Inrush current: 20 A / 80 μ s

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

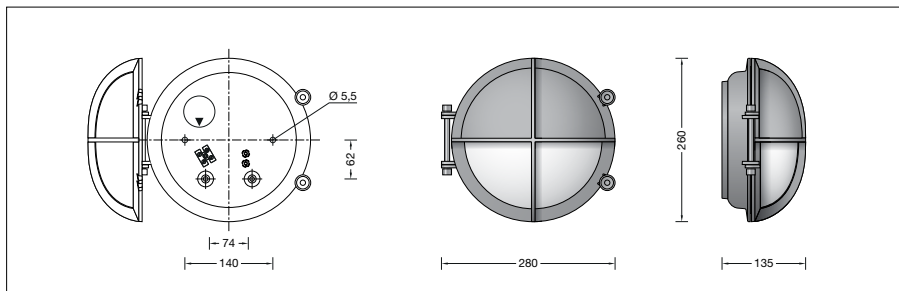
Bronze

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.

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 7.7 W

Luminaire connected wattage 9.2 W

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

Ambient temperature $t_{a\text{max}} = 50^\circ\text{C}$

31 148 K3

Module designation LED-0276/830

Colour temperature 3000 K

Colour rendering index CRI > 80

Module luminous flux 1505 lm

Luminaire luminous flux* 257 lm

Luminaire luminous efficiency* 27,9 lm/W

Service life · Ambient temperature

Ambient 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 $t_a = 50^\circ\text{C}$

LED psu: 50,000 h

LED module: 114,000 h (L 80 B 50)

100,000 h (L 80 B 50)

* preliminary data