

**BEGA****31 198**

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.

### Product description

Luminaire made of bronze alloy and stainless steel  
Crystal glass with optical texture, white inside  
Silicone gasket  
2 mounting holes  $\varnothing$  5.5 mm  
Distance apart 114 mm  
2 cable entries for through-wiring of mains supply cable  $\varnothing$  7-10,5 mm, max. 3G 1.5<sup>□</sup>  
Connection terminal 2.5<sup>□</sup>  
Earth conductor connection  
LED power supply unit  
220-240 V  $\sim$  0/50-60 Hz  
DC 176-264 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: 3.2 kg

### 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.

### Inrush current

Inrush current: 7 A / 112  $\mu$ 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

### Lamp

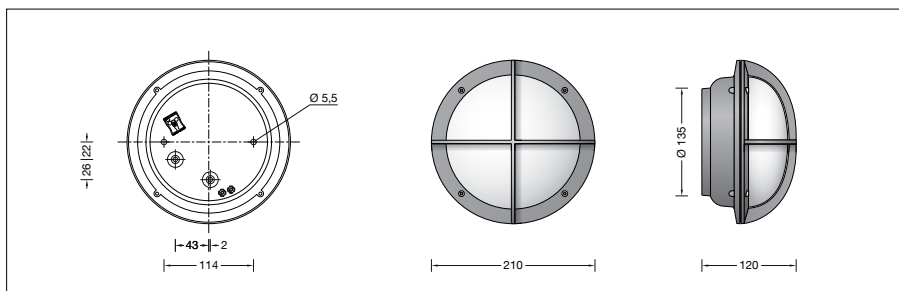
Module connected wattage	3.9 W
Luminaire connected wattage	5 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{ max}} = 55^\circ\text{C}$

On request we can offer you modifications for environments with higher temperatures as a customized product.

### 31 198 K3

Module designation	LED-0480/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	715 lm
Luminaire luminous flux*	293 lm
Luminaire luminous efficiency*	58,6 lm/W

\* preliminary data



### Lifetime of the LED

Ambient temperature  $t_a = 25^\circ\text{C}$   
– at > 500,000h: L70B50

max. ambient temperature  $t_a = 55^\circ\text{C}$   
– at 162,000h: L70B50

### 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](http://www.bega.com).