BEGA

31 120

Wall luminaire

 10 IP 65

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 ø 5.5 mm
Distance apart 100 mm
1 cable entry for mains supply cable up to ø 10,5 mm max. 3 × 1,5$^\square$
Connection terminal 2.5$^\square$
Earth conductor connection
BEGA Ultimate Driver®
LED power supply unit
220-240 V ⏦ 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
10 – Safety mark
CE – Conformity mark
Weight: 4.8 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 µs
Maximum number of luminaires of this type per miniature circuit breaker:
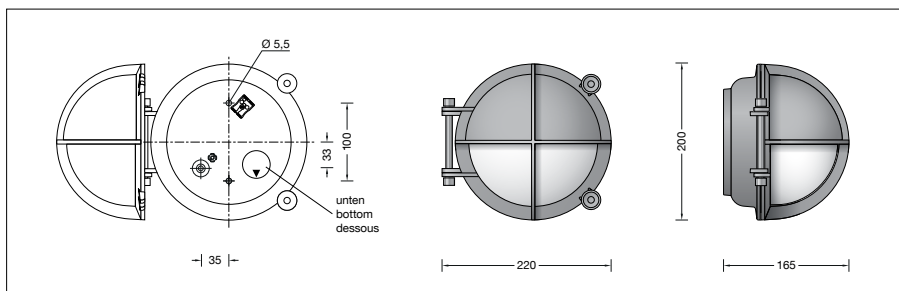B 10 A: 38 luminaires
B 16 A: 61 luminaires
C 10 A: 64 luminaires
C 16 A: 102 luminaires

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	3.9 W
Luminaire connected wattage	5 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a\,max} = 55$ °C

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Module designation	LED-0480/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	715 lm
Luminaire luminous flux	214 lm
Luminaire luminous efficiency	42,8 lm/W

Service life · Ambient temperature

Rated temperature $t_a = 25$ °C	
LED psu:	> 50,000 h
LED module:	> 200,000 h (L80 B50)
	100,000 h (L90 B50)

Ambient temperature $t_{a\,max} = 55$ °C (100 %)	
LED psu:	50,000 h
LED module:	110,000 h (L80 B50)