

**BEGA****31 394**

Ceiling and wall luminaire



Project · Reference number

Date

## Product data sheet

### Application

Unshielded LED ceiling and wall luminaire for many lighting tasks in or on buildings. Luminaire made of copper and thick-walled crystal glass. The used LED technique offers durability and optimal light output with low power consumption at the same time.

### Product description

Luminaire made of copper, brass and stainless steel  
Crystal glass coated  
2 mounting holes  $\varnothing$  5.5 mm  
Distance apart 108 x 108 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  
LED power supply unit  
220-240 V  $\sim$  0/50-60 Hz  
DC 176-280 V  
Safety class I  
Protection class IP 64  
Dust-tight and protection against splash water  
Impact strength IK07  
Protection against mechanical impacts < 2 joule  
 – Safety mark  
**CE** – Conformity mark  
Weight: 2.4 kg

### Inrush current

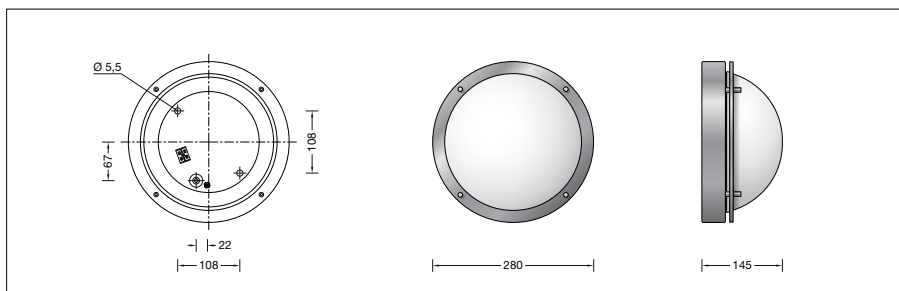
Inrush current: 20 A / 80  $\mu$ s  
Maximum number of luminaires of this type per miniature circuit breaker:  
B10A: 35 luminaires  
B16A: 56 luminaires  
C10A: 58 luminaires  
C16A: 94 luminaires

### 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](http://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	$t_{a\text{max}} = 50^{\circ}\text{C}$

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Module designation	LED-0276/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1505 lm
Luminaire luminous flux	984 lm
Luminaire luminous efficiency	107 lm/W

### Service life · Ambient temperature

Ambient temperature $t_a = 25^{\circ}\text{C}$	
LED psu:	> 50,000 h
LED module:	> 200,000 h (L80B50)
	100,000 h (L90B50)

Ambient temperature $t_a = 50^{\circ}\text{C}$	
LED psu:	50,000 h
LED module:	114,000 h (L80B50)
	100,000 h (L80B50)