

**BEGA****31 079**

Wall luminaire



Project · Reference number

Date

## Product data sheet

### Application

Unshielded wall luminaire with high protection class.

A luminaire made of aluminium alloy and crystal glass.

### Product description

Luminaire made of aluminium alloy,  
aluminium and stainless steel  
BEGA Unidure® coating technology  
Colour graphite or bronze  
Crystal glazing  
Light-diffusing synthetic LED cover  
Mounting plate with 2 fixing  
holes  $\varnothing$  4.4 mm · 60 x 95 mm spacing  
2 cable entries for through-wiring of mains  
supply cable  $\varnothing$  7-12 mm  
Connecting terminal 2.5<sup>□</sup>  
with plug connection  
Earth conductor connection  
BEGA Ultimate Driver®  
LED power supply unit  
220-240 V  $\sim$  0/50-60 Hz  
DC 176-280 V  
BEGA Thermal Control®  
Temporary thermal regulation to protect  
temperature-sensitive components without  
switching off the luminaire  
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: 2.8 kg

This product contains light sources of energy  
efficiency class(es) C

### Inrush current

Inrush current: 5 A / 40  $\mu$ s

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

B 10A: 50 luminaires

B 16A: 50 luminaires

C 10A: 80 luminaires

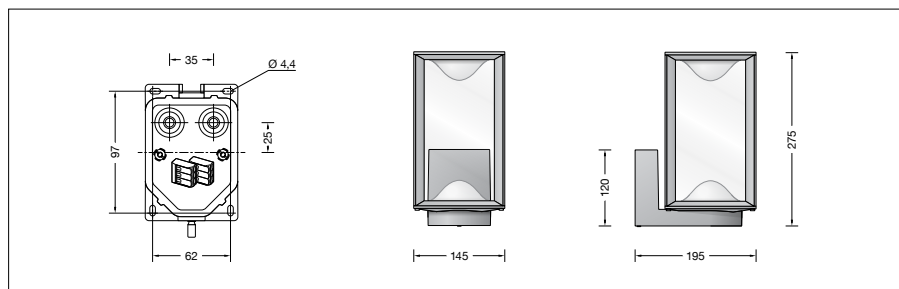
C 16A: 80 luminaires

### Lamp

Module connected wattage	7.8 W
Luminaire connected wattage	9 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 65\text{ °C}$

### 31 079 K3

Module designation	2x LED-0480/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1500 lm
Luminaire luminous flux	812 lm
Luminaire luminous efficiency	90,2 lm/W



### Service life · Ambient temperature

Rated temperature $t_a = 25\text{ °C}$	
LED psu:	> 50,000 h
LED module:	> 200,000 h (L 80 B 50) > 100,000 h (L 90 B 50)

Ambient temperature max.  $t_a = 65\text{ °C}$  (100 %)

LED psu:	50,000 h
LED module:	> 200,000 h (L 80 B 50) > 100,000 h (L 90 B 50)

### Lighting technology

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 are available on the  
BEGA website at [www.bega.com](http://www.bega.com).

### Article No. 31 079

Colour graphite or bronze  
graphite – article number  
bronze – article number + **B**