

**BEGA****22 172**

Wall luminaire



Project · Reference number

Date

## Product data sheet

### Application

Wall luminaire for orientating lighting tasks.

### Dark Sky

The light of this luminaire is directed evenly and highly efficiently onto the surface to be illuminated. Less than 1 % of the luminaire luminous flux is emitted into the upper half-space of the luminaire.

### Product description

Luminaire made of aluminium alloy,  
aluminium and stainless steel  
BEGA Unidure® coating technology  
Matt safety glass  
Reflector made of pure anodised aluminium  
Silicone gasket  
2 mounting holes  $\varnothing$  4.5 mm  
Distance apart 168 mm  
2 cable entries for through-wiring of mains  
supply cable  $\varnothing$  7-10.5 mm  
Connection terminal 2.5<sup>2</sup>  
Earth conductor connection  
BEGA Ultimate Driver®  
LED power supply unit  
220-240 V  $\sim$  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 IK10  
Protection against mechanical  
impacts < 20 joule  
 – Safety mark  
**CE** – Conformity mark  
Weight: 0.95 kg  
This product contains light sources of energy  
efficiency class(es) C

### Lamp

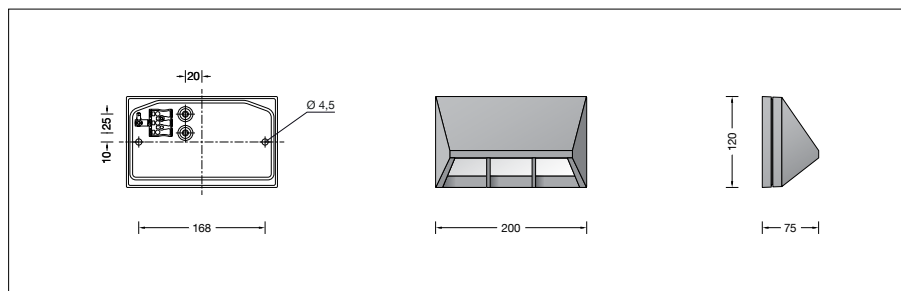
Module connected wattage	1.9 W
Luminaire connected wattage	2.7 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 65$ °C

### 22 172 K3

Module designation	LED-0582/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	365 lm
Luminaire luminous flux	182 lm
Luminaire luminous efficiency	67,4 lm/W

### 22 172 K4

Module designation	LED-0582/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	370 lm
Luminaire luminous flux	184 lm
Luminaire luminous efficiency	68,1 lm/W



### Service life · Ambient temperature

Rated temperature $t_a = 25$ °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. $t_a = 65$ °C (100 %)	
LED psu:	50,000 h
LED module:	180,000 h (L 80 B 50)

### Inrush current

Inrush current: 7 A / 102  $\mu$ s  
Maximum number of luminaires of this  
type per miniature circuit breaker:

B 10 A:	60 luminaires
B 16 A:	96 luminaires
C 10 A:	100 luminaires
C 16 A:	161 luminaires

### Ratio of luminous flux

Luminous flux upper half-space	0,8 %
Luminous flux lower half-space	99,2 %

### Lighting technology

Luminaire data for the DIALux lighting design  
program 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).

BUG rating according to IES TM-15-07:  
0 – 1 – 0  
CEN Flux Code according to EN 13032-2:  
62 – 90 – 98 – 99 – 100 – 0 – 0 – 13 – 1

### Article No. 22 172

LED colour temperature optionally 3000 K  
or 4000 K  
3000 K – Article number + **K3**  
4000 K – Article number + **K4**

Colour graphite or silver  
graphite – article number  
silver – article number + **A**

### Light distribution

