

**BEGA****22 228**

Wall luminaire



Project · Reference number

Date

## Product data sheet

**Application**

Wall luminaire for orientating lighting tasks.

**Product description**

Luminaire made of aluminium alloy, aluminium and stainless steel  
 BEGA Unidure® coating technology  
 Matt safety glass with optical structure  
 Silicone gasket  
 Reflector made of pure anodised aluminium  
 2 mounting holes  $\varnothing$  4.4 mm  
 Distance apart 90 mm  
 1 cable entry for mains supply cable up to  $\varnothing$  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 IK08  
 Protection against mechanical impacts < 5 joule  
 – Safety mark  
 – Conformity mark  
 Weight: 0.65 kg  
 This product contains light sources of energy efficiency class(es) B, C

**Inrush current**

Inrush current: 7.8 A / 112  $\mu$ s  
 Maximum number of luminaires of this type per miniature circuit breaker:  
 B10A: 38 luminaires  
 B16A: 61 luminaires  
 C10A: 64 luminaires  
 C16A: 102 luminaires

**Lamp**

Module connected wattage	2.9 W
Luminaire connected wattage	4 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 45$ °C

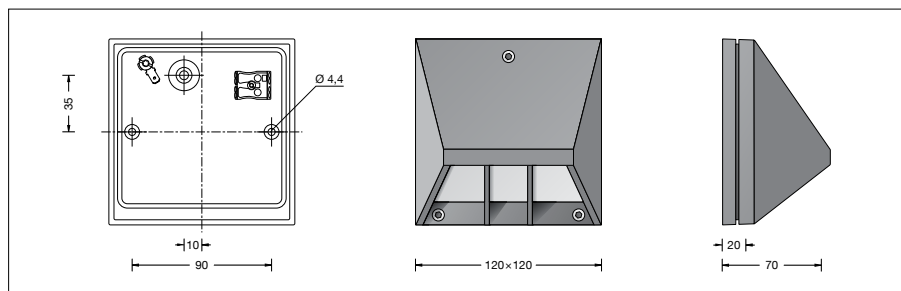
On request we can offer you modifications for environments with higher temperatures as a customized product.

**22 228 K3**

Module designation	LED-0617/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	565 lm
Luminaire luminous flux	167 lm
Luminaire luminous efficiency	41,8 lm/W

**22 228 K4**

Module designation	LED-0617/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	585 lm
Luminaire luminous flux	173 lm
Luminaire luminous efficiency	43,2 lm/W

**Service life · Ambient temperature**

Rated temperature  $t_a = 25$  °C  
 LED psu: > 50,000 h  
 LED module: > 200,000 h (L80B50)  
 100,000 h (L90B50)

Ambient temperature max.  $t_a = 45$  °C (100 %)  
 LED psu: 50,000 h  
 LED module: > 200,000 h (L80B50)  
 100,000 h (L90B50)

**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).

**Ratio of luminous flux**

Luminous flux upper half-space	2,3 %
Luminous flux lower half-space	97,7 %

BUG rating according to IES TM-15-07:  
 0-1-0  
 CEN Flux Code according to EN 13032-2:  
 43-72-91-98-100-0-0-9-2

**Article No. 22 228**

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**