

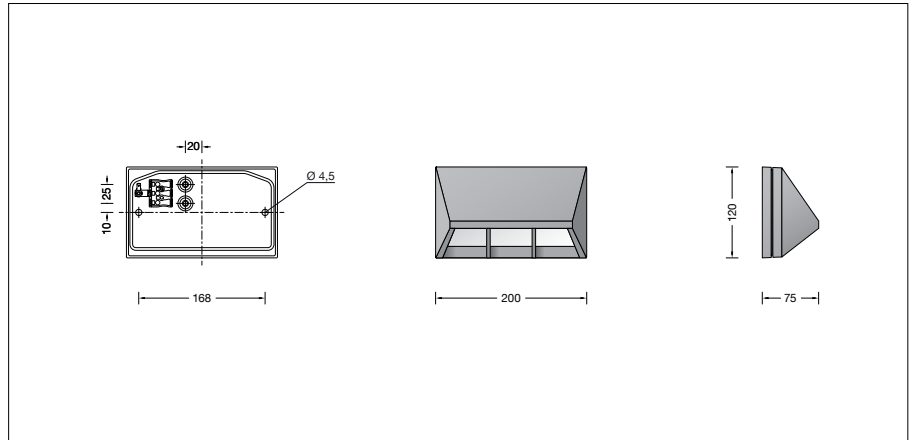
**BEGA****22 172**

Wall luminaire



Project · Reference number

Date



## Product data sheet

### Product description

Luminaire made of aluminium alloy, aluminium and stainless steel  
 BEGA Unidure® coating technology  
 Colour graphite or silver  
 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>□</sup>  
 Earth conductor connection  
 BEGA Ultimate Driver®  
 Complies with flicker requirements in accordance with IEC 1789,  
 DIN IEC/TR 63158, DIN IEC/TR 61547-1  
 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  
 – Conformity mark  
 Weight: 0.95 kg  
 This product contains light sources of energy efficiency class(es) C

### Application

Wall luminaire for orientating lighting tasks.

### Lamp

Module connected wattage	1.9 W
Luminaire connected wattage	2.7 W
Module designation	LED-1541/83040
Colour rendering index	CRI > 80
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a, \max} = 60$ °C

The colour temperature of the luminaire can be set optionally to 3000 K and 4000 K.

Operation at colour temperature	3000 K
Module luminous flux	375 lm
Luminaire luminous flux	197 lm
Luminaire luminous efficiency	73 lm/W

Operation at colour temperature	4000 K
Module luminous flux	385 lm
Luminaire luminous flux	202 lm
Luminaire luminous efficiency	74,8 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 max. $t_a = 60$ °C (100 %)	
LED psu:	50,000 h
LED module:	> 200,000 h (L80 B50) 100,000 h (L90 B50)

### Dark Sky

The light from 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.

### 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).

### Inrush current

Inrush current: 7 A / 102  $\mu$ s  
 Maximum number of luminaires of this type per miniature circuit breaker:  
 B 10A: 60 luminaires  
 B 16A: 96 luminaires  
 C 10A: 100 luminaires  
 C 16A: 161 luminaires

### BEGA Constant Optics®

BEGA Constant Optics® is an efficient optical system that is virtually impervious to wear and tear. The durable materials used, including glass, pure aluminium and silicone, show no effects of ageing, even under extreme conditions like high temperatures and UV radiation.

### Ratio of luminous flux

Luminous flux upper half-space	0,9 %
Luminous flux lower half-space	99,1 %

BUG rating according to IES TM-15-07:  
 0-1-0

CEN Flux Code according to EN 13032-2:  
 60-89-98-99-100-0-0-13-1

### Article No. 22 172

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

### Light distribution

