

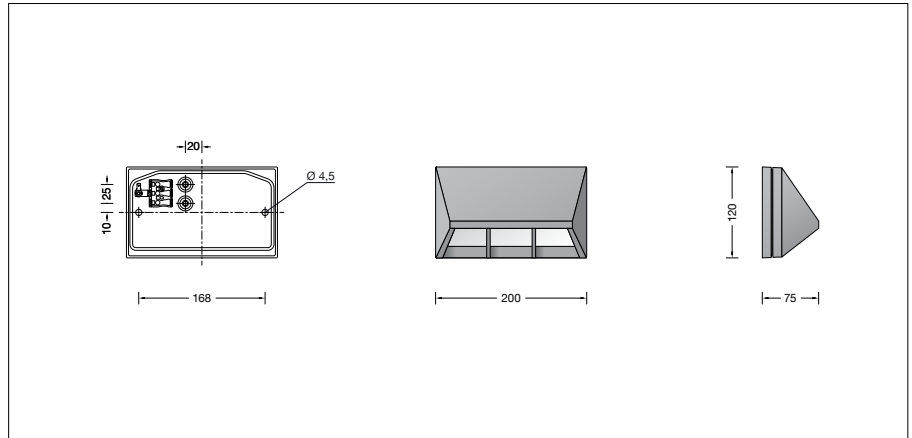
BEGA**22 172**

Wall luminaire



Project · Reference number

Date



Product data sheet

Application

Wall luminaire for orientating lighting tasks.
The colour temperature of the luminaire can be set optionally to 3000K and 4000K.

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 2.5²
Earth conductor connection
BEGA Ultimate Driver®
Complies with flicker requirements in accordance with IEEE 1789,
DIN IEC/TR 63158, DIN IEC/TR 61547-1
LED power supply unit
220-240 V \sphericalangle 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

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	$t_a = 25 \text{ }^\circ\text{C}$
Ambient temperature	$t_{a \text{ max}} = 60 \text{ }^\circ\text{C}$

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 $t_a = 25 \text{ }^\circ\text{C}$	
LED psu:	> 50,000 h
LED module:	> 200,000 h (L80 B50) 100,000 h (L90 B50)

Ambient temperature max. $t_a = 60 \text{ }^\circ\text{C}$ (100 %)	
LED psu:	50,000 h
LED module:	> 200,000 h (L80 B50) 100,000 h (L90 B50)

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 EUGUMDAT and IES format are available on the BEGA website at www.bega.com.

Inrush current

Inrush current: 7 A / 102 μs
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

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.

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

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.

Article No. 22 172

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

Light distribution

