

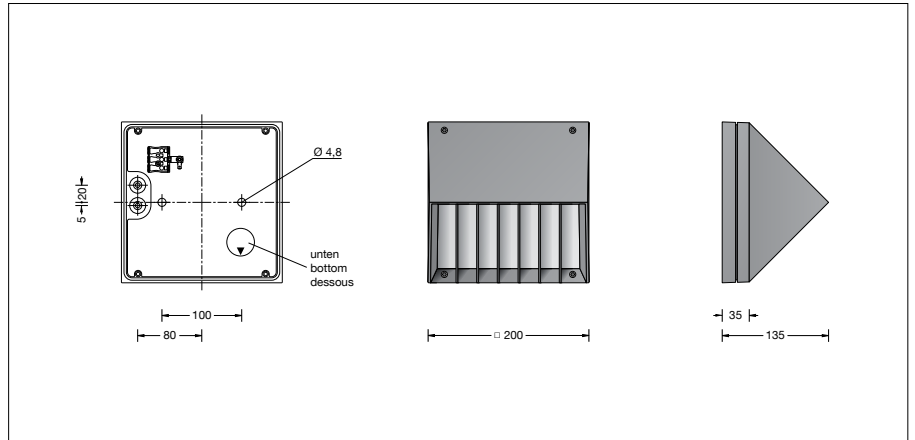
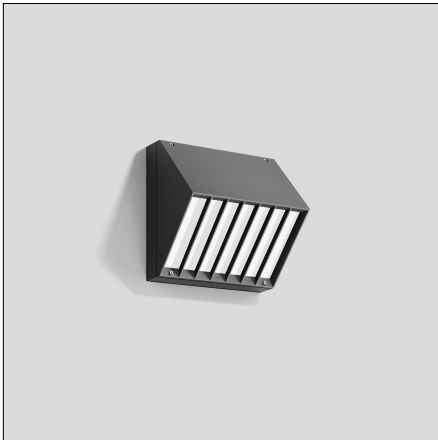
BEGA**24 220**

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
 Safety glass with optical structure
 Silicone gasket
 Reflector made of pure anodised aluminium
 2 mounting holes \varnothing 5 mm
 Distance apart 100 mm
 2 cable entries for through-wiring of mains supply cable \varnothing 7-10.5 mm
 Connecting terminal and earth conductor terminal 2.5[□]
 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 \sphericalangle 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 IK10
 Protection against mechanical impacts < 20 joule
 – Safety mark
 – Conformity mark
 Weight: 2.0 kg
 This product contains light sources of energy efficiency class(es) C

Application

Wall luminaire with asymmetrical light distribution.
 For lighting of floor spaces, traffic areas and house entrances.

Lamp

Module connected wattage	7.9 W
Luminaire connected wattage	9.5 W
Module designation	LED-1626/83040
Colour rendering index	CRI > 80
Rated temperature	$t_a = 25\text{ }^{\circ}\text{C}$
Ambient temperature	$t_{a\text{ max}} = 60\text{ }^{\circ}\text{C}$

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

Operation at colour temperature	3000 K
Module luminous flux	1475 lm
Luminaire luminous flux	778 lm
Luminaire luminous efficiency	81,9 lm/W

Operation at colour temperature	4000 K
Module luminous flux	1520 lm
Luminaire luminous flux	801 lm
Luminaire luminous efficiency	84,3 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 (L 80 B 50) > 100,000 h (L 90 B 50)

Ambient temperature max. $t_a = 60\text{ }^{\circ}\text{C}$ (100 %)	
LED psu:	50,000 h
LED module:	190,000 h (L 80 B 50)

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.

Inrush current

Inrush current: 5 A / 40 μs
 Maximum number of luminaires of this type per miniature circuit breaker:
 B 10 A: 50 luminaires
 B 16 A: 50 luminaires
 C 10 A: 80 luminaires
 C 16 A: 80 luminaires

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:
 1-1-0

CEN Flux Code according to EN 13032-2:
 63-87-98-99-100-0-3-29-1

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. 24 220

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

Light distribution

