

BEGA**33 683**

Ceiling and wall luminaire



Project · Reference number

Date

Product data sheet

Application

Ceiling and wall luminaire made of aluminium and hand-blown crystal glass.
For a variety of interior and exterior lighting applications.

Product description

Luminaire made of aluminium and stainless steel
BEGA Unidure® coating technology
Colour graphite or silver
Crystal glass with screw neck, white inside
Silicone gasket
2 mounting holes $\varnothing$ 5.5 mm
Distance apart 220 mm
2 cable entries for through-wiring of mains supply cable $\varnothing$ 7-10.5 mm, max. 5 G 1.5²
Connecting terminal 2.5² with plug connection
Earth conductor connection
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 $\sim$ 0/50-60 Hz
DC 176-275 V
During DC operation the LED power is reduced to 15 %
DALI-controllable
Number of DALI addresses: 1
Basic insulation is provided between the mains and control cables
BEGA Thermal Control®
Temporary thermal regulation to protect temperature-sensitive components without switching off the luminaire
Safety class I
Protection class IP 64
Dust-tight and protection against splash water
Impact strength IK06
Protection against mechanical impacts < 1 joule
 – Safety mark
 – Conformity mark
Weight: 3.6 kg
This product contains light sources of energy efficiency class(es) C

Lamp

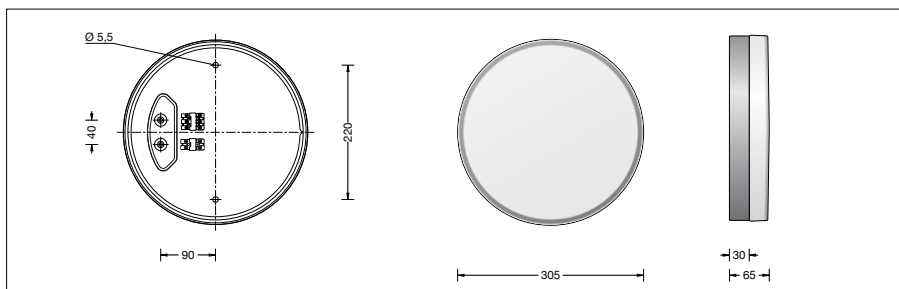
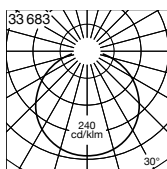
Module connected wattage	19.3 W
Luminaire connected wattage	22 W
Module designation	LED-1672/83040
Colour rendering index	CRI > 80
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{ max}} = 55^\circ\text{C}$

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

Operation at colour temperature	3000 K
Module luminous flux	3630 lm
Luminaire luminous flux	1805 lm
Luminaire luminous efficiency	82 lm/W

Operation at colour temperature	4000 K
Module luminous flux	3680 lm
Luminaire luminous flux	1830 lm
Luminaire luminous efficiency	83,2 lm/W

Light distribution



Service life · Ambient temperature

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

Ambient temperature max. $t_a = 55^\circ\text{C}$ (100 %)
LED psu: 50,000 h
LED module: 150,000 h (L80 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 BEGA website at www.bega.com.

Inrush current

Inrush current: 5 A / 50 μs
Maximum number of luminaires of this type per miniature circuit breaker:
B 10 A: 31 luminaires
B 16 A: 50 luminaires
C 10 A: 52 luminaires
C 16 A: 85 luminaires

Ratio of luminous flux

Luminous flux upper half-space	7,5 %
Luminous flux lower half-space	92,5 %

BUG rating according to IES TM-15-07:

1-3-1

CEN Flux Code according to EN 13032-2:

44-76-94-92-100-13-39-70-8

Article No. 33 683

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