

BEGA**33 636**

Ceiling and wall luminaire



Project · Reference number

Date

Product data sheet

Application

Ceiling and wall luminaire made of aluminium and hand-blown satin matt three-ply opal glass. For a variety of interior and exterior lighting applications.

Product description

Luminaire made of aluminium and stainless steel
 BEGA Unidure® coating technology
 Opal glass, satin matt, with screw neck
 Silicone gasket
 2 mounting holes \varnothing 5.5 mm
 Distance apart 188 x 68 mm
 2 cable entries for through-wiring of mains supply cable \varnothing 7-10.5 mm, max. 5 G 1.5²
 BEGA Ultimate Driver®
 LED power supply unit
 220-240 V \sim 0/50-60 Hz
 DC 176-276 V
 DALI-controllable
 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 IK03
 Protection against mechanical impacts < 0.35 joule
 – Safety mark
 – Conformity mark
 Weight: 2.0 kg
 This product contains light sources of energy efficiency class(es) C

Lamp

Module connected wattage	13.8 W
Luminaire connected wattage	15.6 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 45^\circ\text{C}$

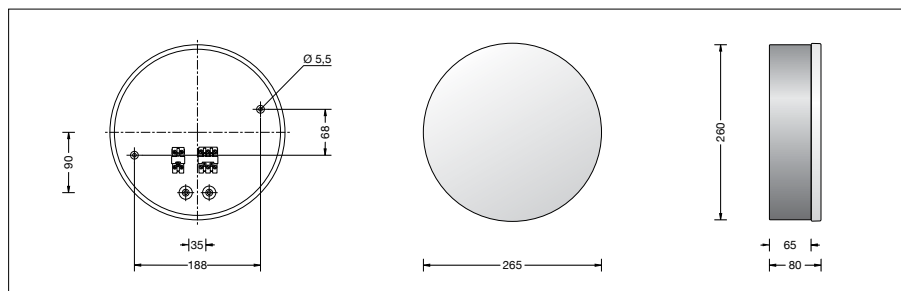
On request we can offer you modifications for environments with higher temperatures as a customized product.

33 636 K3

Module designation	LED-0854/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2585 lm
Luminaire luminous flux	1708 lm
Luminaire luminous efficiency	109,5 lm/W

33 636 K4

Module designation	LED-0854/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2625 lm
Luminaire luminous flux	1734 lm
Luminaire luminous efficiency	111,2 lm/W



Service life · Ambient temperature

Rated temperature $t_a = 25^\circ\text{C}$	
LED psu:	> 50,000 h
LED module:	193,000 h (L80 B50)
	100,000 h (L90 B50)
Ambient temperature max. $t_a = 45^\circ\text{C}$ (100 %)	
LED psu:	50,000 h
LED module:	57,000 h (L80 B50)
	86,000 h (L70 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: 1.2 A / 46 μs
 Maximum number of luminaires of this type per miniature circuit breaker:
 B 10 A: 50 luminaires
 B 16 A: 80 luminaires
 C 10 A: 50 luminaires
 C 16 A: 80 luminaires

Ratio of luminous flux

Luminous flux upper half-space 6,7 %
 Luminous flux lower half-space 93,3 %

BUG rating according to IES TM-15-07: 1-2-1
 CEN Flux Code according to EN 13032-2: 44-75-93-93-100-15-39-69-7

Article No. 33 636

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

