

**BEGA****33 680**

Ceiling and wall luminaire



Project · Reference number

Date

## Product data sheet

### Application

Ceiling and wall luminaire made of aluminium and hand-blown 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 with screw neck  
Silicone gasket  
2 mounting holes  $\varnothing$  5.5 mm  
Distance apart 190 mm  
2 cable entries for through-wiring of mains  
supply cable  $\varnothing$  7-10.5 mm, max. 5 G 1.5<sup>2</sup>  
2-pole connecting terminal for digital control  
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 IK05  
Protection against mechanical impacts < 0.7 joule  
 – Safety mark  
 – Conformity mark  
Weight: 2.2 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.

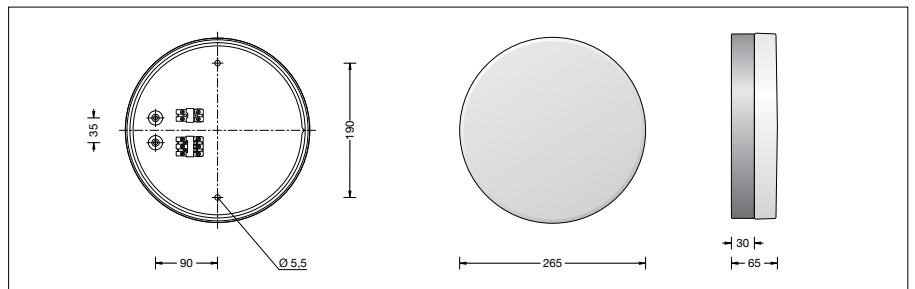
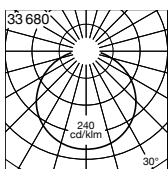
### 33 680 K3

Module designation	LED-0854/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2585 lm
Luminaire luminous flux	1411 lm
Luminaire luminous efficiency	90,4 lm/W

### 33 680 K4

Module designation	LED-0854/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2625 lm
Luminaire luminous flux	1433 lm
Luminaire luminous efficiency	91,9 lm/W

### Light distribution



### 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](http://www.bega.com).

### Inrush current

Inrush current: 1.2 A / 46  $\mu\text{s}$   
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	7,2 %
Luminous flux lower half-space	92,8 %

BUG rating according to IES TM-15-07:  
1-2-1

CEN Flux Code according to EN 13032-2:  
44-76-94-93-100-12-37-67-7

### Article No. 33 680

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 + **A**  
silver – article number + **B**