

**BEGA****33 502**

Ceiling and wall luminaire



Project · Reference number

Date

## Product data sheet

### Application

Ceiling and wall luminaire with high protection class for a variety of lighting tasks.  
A luminaire made of aluminium alloy and crystal glass.

### Product description

Luminaire made of aluminium alloy, aluminium and stainless steel  
BEGA Unidure® coating technology  
Crystal glass, white inside  
Silicone gasket  
2 mounting holes  $\varnothing$  4.5 mm  
Distance apart 110 mm  
2 cable entries for through-wiring of mains supply cable  $\varnothing$  7-10.5 mm  
Connection terminal 2.5<sup>2</sup>  
Earth conductor connection  
BEGA Ultimate Driver®  
LED power supply unit  
220-240 V  $\sim$  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 IK07  
Protection against mechanical impacts < 2 joule  
 – Safety mark  
 – Conformity mark  
Weight: 1.1 kg  
This product contains light sources of energy efficiency class(es) B

### Inrush current

Inrush current: 7.8 A / 112  $\mu$ s  
Maximum number of luminaires of this type per miniature circuit breaker:

B 10A: 38 luminaires  
B 16A: 61 luminaires  
C 10A: 64 luminaires  
C 16A: 102 luminaires

### Lamp

Module connected wattage	2.8 W
Luminaire connected wattage	3.9 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.

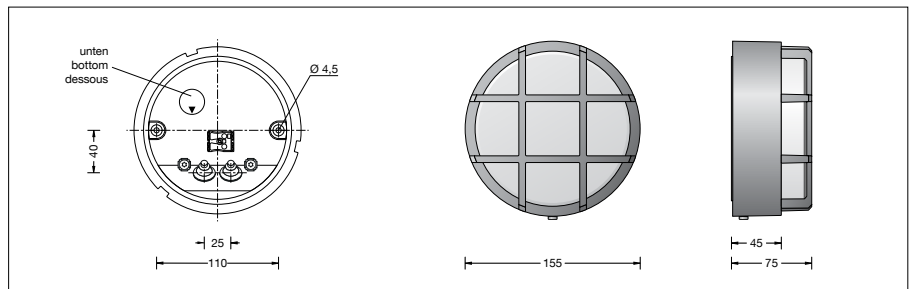
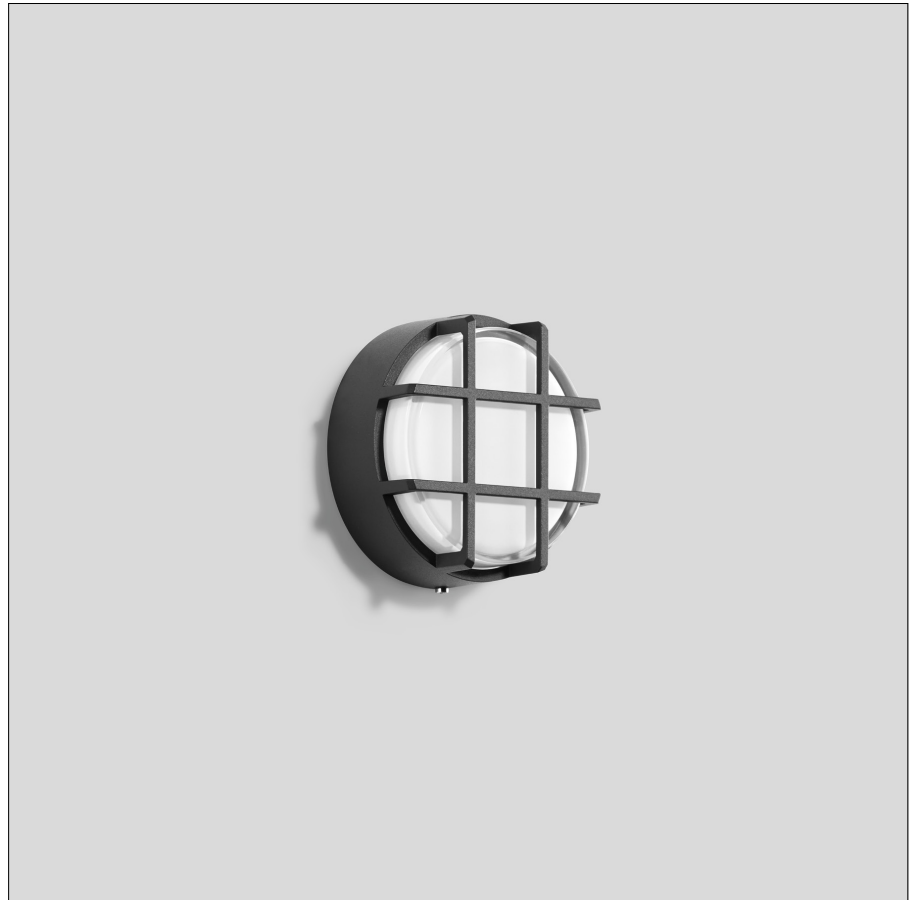
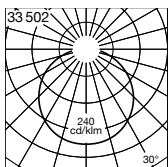
### 33 502 K3

Module designation	LED-0337/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	580 lm
Luminaire luminous flux	259 lm
Luminaire luminous efficiency	66,4 lm/W

### 33 502 K4

Module designation	LED-0337/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	600 lm
Luminaire luminous flux	268 lm
Luminaire luminous efficiency	68,7 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 (L 80 B 50)  
100,000 h (L 90 B 50)

Ambient temperature max.  $t_a = 45^\circ\text{C}$  (100 %)  
LED psu: 50,000 h  
LED module: > 200,000 h (L 80 B 50)  
100,000 h (L 90 B 50)

### Ratio of luminous flux

Luminous flux upper half-space	12 %
Luminous flux lower half-space	88 %

BUG rating according to IES TM-15-07:

0-2-0

CEN Flux Code according to EN 13032-2:

42-73-91-88-100-4-25-59-12

### 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).

### Article No. 33 502

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**