

**BEGA****33 523**

Ceiling and wall luminaire



Project · Reference number

Date

## Product data sheet

### Application

LED ceiling and wall luminaire with high protection class for a variety of lighting tasks. A luminaire made of die cast aluminium and impact resistant crystal glass.

### Product description

Luminaire made of aluminium alloy, aluminium and stainless steel  
 BEGA Unidure® coating technology  
 Crystal glass with white matt finish  
 Silicone gasket  
 2 mounting holes  $\varnothing$  4.5 mm  
 Distance apart 200 mm  
 Two cable entries for through-wiring power connecting cable up to 10.5 mm in diameter, max. 5 x 1.5 qmm.  
 Connection terminal 2.5<sup>□</sup>  
 Earth conductor connection  
 2-pole connecting terminal for digital control  
 LED power supply unit  
 220-240 V  $\sim$  0/50-60 Hz  
 DC 176-264 V  
 DALI controllable  
 A basic isolation exists between power cable and control line  
 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 IK07  
 Protection against mechanical impacts < 2 joule  
 – Safety mark  
 – Conformity mark  
 Weight: 2.6 kg

### Lamp

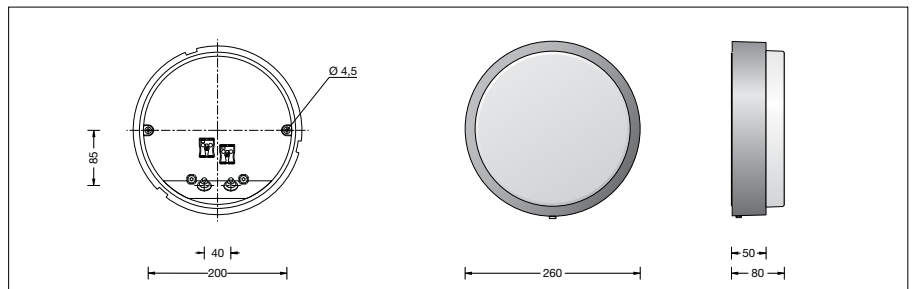
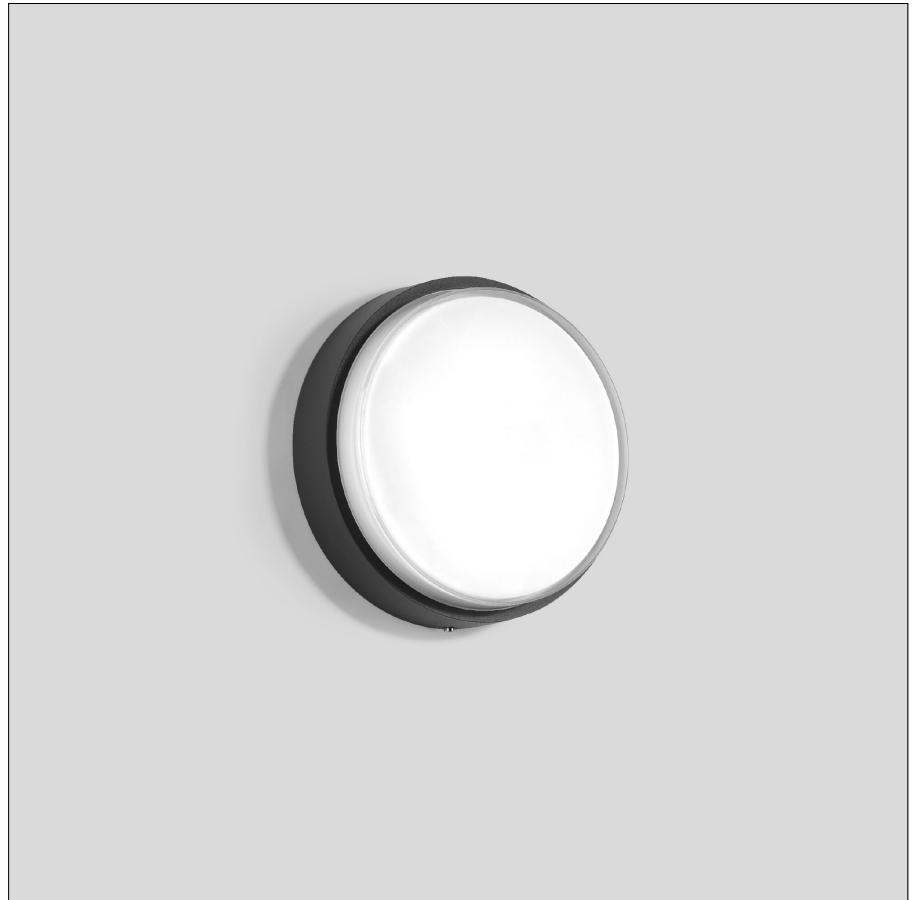
Module connected wattage 10.4 W  
 Luminaire connected wattage 11.7 W  
 Rated temperature  $t_a = 25\text{ }^\circ\text{C}$   
 Ambient temperature  $t_{a\text{max}} = 60\text{ }^\circ\text{C}$

### 33 523 K3

Module designation LED-0381/930  
 Colour temperature 3000 K  
 Colour rendering index CRI > 90  
 Module luminous flux 1755 lm  
 Luminaire luminous flux 1057 lm  
 Luminaire luminous efficiency 90,3 lm/W

### 33 523 K4

Module designation LED-0381/940  
 Colour temperature 4000 K  
 Colour rendering index CRI > 90  
 Module luminous flux 1860 lm  
 Luminaire luminous flux 1120 lm  
 Luminaire luminous efficiency 95,7 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  $t_{a\text{max}} = 60\text{ }^\circ\text{C}$  (100 %)  
 LED psu: 50,000 h  
 LED module: 61,000 h (L 80 B 50)  
 92,000 h (L 70 B 50)

### Light technique

Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and indoor lighting as well as luminaire data in EULUMDAT- and IES-format you will find on the BEGA web page [www.bega.com](http://www.bega.com).

### Inrush current

Inrush current: 5 A / 100  $\mu\text{s}$   
 Maximum number of luminaires of this type per miniature circuit breaker:  
 B 10 A: 56 luminaires  
 B 16 A: 90 luminaires  
 C 10 A: 56 luminaires  
 C 16 A: 90 luminaires

### Article No. 33 523

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

