

BEGA**33 509**

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
 2 cable entries for through-wiring of mains supply cable \varnothing 7-10.5 mm, max. 5 G 1.5²
 Connection terminal 2.5²
 Earth conductor connection
 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: 3.5 kg

Lamp

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

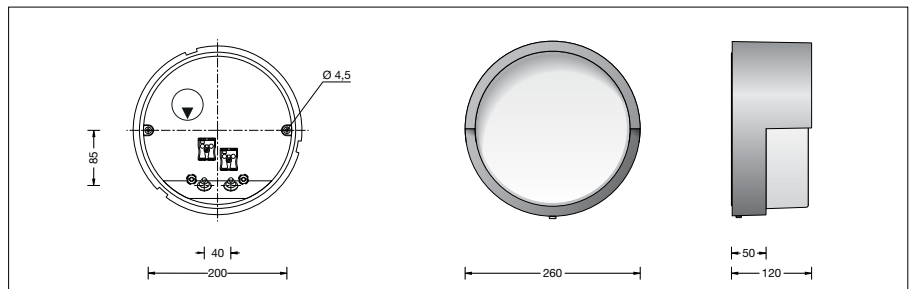
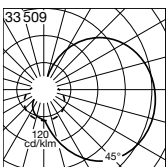
33 509 K3

Module designation LED-0381/930
 Colour temperature 3000 K
 Colour rendering index CRI > 90
 Module luminous flux 1755 lm
 Luminaire luminous flux 936 lm
 Luminaire luminous efficiency 80 lm/W

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Module designation LED-0381/940
 Colour temperature 4000 K
 Colour rendering index CRI > 90
 Module luminous flux 1860 lm
 Luminaire luminous flux 993 lm
 Luminaire luminous efficiency 84,9 lm/W

Light distribution



Service life · Ambient temperature

Rated temperature $t_a = 25\text{ °C}$
 LED psu: > 50,000 h
 LED module: > 200,000 h (L 80 B 50)
 100,000 h (L 90 B 50)

Ambient temperature $t_{a\text{ max}} = 60\text{ °C}$ (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.

Inrush current

Inrush current: 5 A / 100 μ 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. 33 509

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**