

BEGA**50 426.3**

Ceiling and wall luminaire for indoor use

IP 64

Project · Reference number

Date

Product data sheet**Application**

LED ceiling and wall luminaire · indoor luminaire made of hand-blown opal glass, satin matt and metal housing, for all lighting tasks. They are ideal for places where a soft and uniform lighting distribution is required. Luminaire with a high protection class.

Product description

Luminaire housing made of Aluminium, finish polished aluminium
Hand-blown opal glass, satin matt, with screw neck
Silicone gasket
2 mounting holes \varnothing 5.5 mm
Distance apart 280 mm
2 cable entries for through-wiring for mains cable up to \varnothing 11 mm max. $5 \times 1.5^{\square}$
Connecting terminal 2.5^{\square} with plug connection
Earth conductor connection
Connecting terminal DA DA for digital control
LED power supply unit
220-240 V \sim 0/50-60 Hz
DALI controllable
A basic isolation exists between power cable and control line
Safety class I
Protection class IP 64
Dust-tight and protection against splash water
CE – Conformity mark
Weight: 3.8 kg

Inrush current

Inrush current: 20 A / 400 μ s
Maximum number of luminaires of this type per miniature circuit breaker:

B 10A: 9 luminaires
B 16A: 15 luminaires
C 10A: 16 luminaires
C 16A: 25 luminaires

Lamp

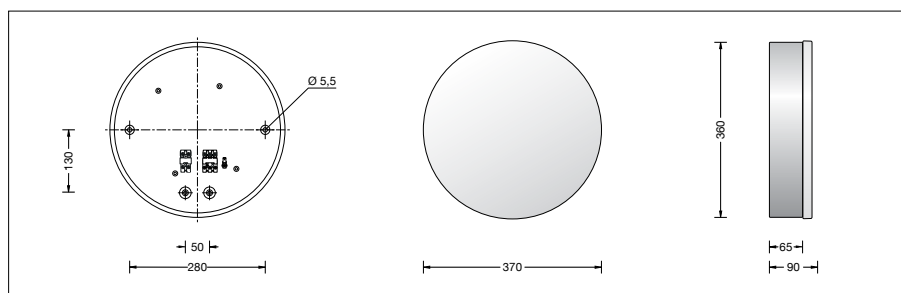
Module connected wattage 26.1 W
Luminaire connected wattage 29.3 W
Rated temperature $t_a = 25^{\circ}\text{C}$
Ambient temperature $t_{a, \text{max}} = 50^{\circ}\text{C}$

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Module designation LED-0531/930
Colour temperature 3000 K
Colour rendering index CRI > 90
Module luminous flux 3225 lm
Luminaire luminous flux 2135 lm
Luminaire luminous efficiency 72,9 lm/W

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Module designation LED-0531/940
Colour temperature 4000 K
Colour rendering index CRI > 90
Module luminous flux 3340 lm
Luminaire luminous flux 2211 lm
Luminaire luminous efficiency 75,5 lm/W

**Lifetime of the LED**

Ambient temperature $t_a = 15^{\circ}\text{C}$
– at 50,000 h: L90 B10
– at 490,000 h: L70 B50

Ambient temperature $t_a = 25^{\circ}\text{C}$
– at 50,000 h: L80 B10
– at 260,000 h: L70 B50

max. ambient temperature $t_a = 50^{\circ}\text{C}$
– at 50,000 h: L70 B50
– at 62,000 h: L70 B50

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LED colour temperature optionally 3000 K or 4000 K
3000 K – Article number + **K3**
4000 K – Article number + **K4**

Finish options

- Enamel, white Code number **.1**
- Enamel, white aluminium Code number **.2**
- Polished aluminium Code number **.3**