

BEGA**50 471.1**

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

Metal housing,
finish white enamel
Hand-blown opal glass,
satin matt, with screw neck
Silicone gasket
2 mounting holes \varnothing 5.5 mm
Distance apart 240 mm
2 cable entries for through-wiring for mains cable up to \varnothing 10.5 mm max. 3×1.5^2
Connecting terminal 2.5^2
with plug connection
Earth conductor connection
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 170-280 V
Safety class I
Protection class IP 64
Dust-tight and protection against splash water
Impact strength IK03
Protection against mechanical impacts < 0.35 joule
CE – Conformity mark
Weight: 2.8 kg

Inrush current

Inrush current: 5 A / 50 μ s
Maximum number of luminaires of this type per miniature circuit breaker:
B 10A: 31 luminaires
B 16A: 50 luminaires
C 10A: 52 luminaires
C 16A: 85 luminaires

Lamp

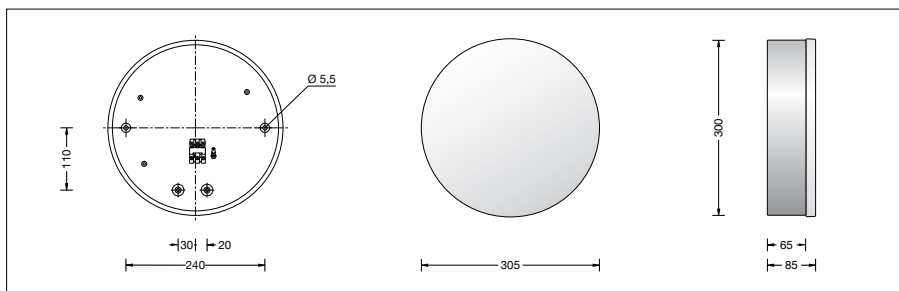
Module connected wattage 19.6 W
Luminaire connected wattage 23 W
Rated temperature $t_a = 25^\circ\text{C}$
Ambient temperature $t_{a\text{max}} = 40^\circ\text{C}$

50 471.1 K3

Module designation LED-0832/930
Colour temperature 3000 K
Colour rendering index CRI > 90
Module luminous flux 2825 lm
Luminaire luminous flux 1690 lm
Luminaire luminous efficiency 73,5 lm/W

50 471.1 K4

Module designation LED-0832/940
Colour temperature 4000 K
Colour rendering index CRI > 90
Module luminous flux 2930 lm
Luminaire luminous flux 1752 lm
Luminaire luminous efficiency 76,2 lm/W

**Service life of the LED**

Ambient temperature $t_a = 25^\circ\text{C}$
– at 275,000h: L70B50
max. ambient temperature $t_a = 40^\circ\text{C}$
– at 113,000h: L70B50

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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**