

BEGA**50 649.1**

Ceiling and wall luminaire for indoor use

IP 64

Project · Reference number

Date

Product data sheet**Application**

Ceiling and wall luminaire with LEDs · indoor luminaire made of aluminium and hand-blown opal glass, satin matt.

For a variety of lighting applications.

Product description

Luminaire made of Aluminium,

finish white enamel

Hand-blown opal glass,

satin matt, with screw neck

Silicone gasket

2 mounting holes \varnothing 5.5 mm

Distance apart 220 mm

2 cable entries for through-wiring for mains

cable up to \varnothing 10.5 mm max. $3 \times 1.5^{\square}$

Connecting terminal 2.5^{\square}

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

CE – Conformity mark

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

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.

Lamp

Module connected wattage 19.6 W

Luminaire connected wattage 22.8 W

Rated temperature $t_a = 25^{\circ}\text{C}$

Ambient temperature $t_{a\text{max}} = 40^{\circ}\text{C}$

50 649.1 K3

Module designation LED-0832/930

Colour temperature 3000 K

Colour rendering index CRI > 90

Module luminous flux 2825 lm

Luminaire luminous flux* 1420 lm

Luminaire luminous efficiency* 62,3 lm/W

50 649.1 K4

Module designation LED-0832/940

Colour temperature 4000 K

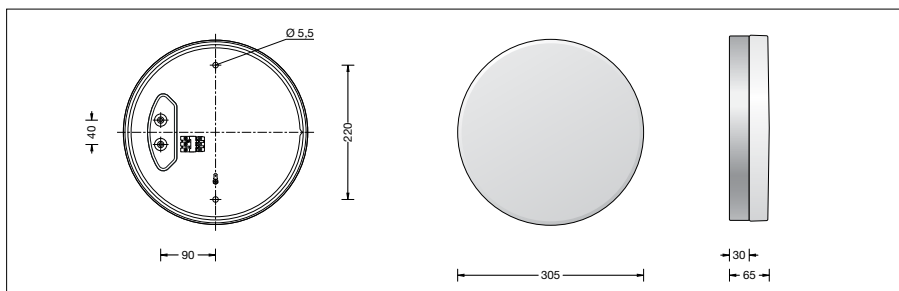
Colour rendering index CRI > 90

Module luminous flux 2930 lm

Luminaire luminous flux* 1471 lm

Luminaire luminous efficiency* 64,5 lm/W

* preliminary data

**Lifetime of the LED**

Ambient temperature $t_a = 15^{\circ}\text{C}$

– at 50,000 h: L90 B10

– at 414,000 h: L70 B50

Ambient temperature $t_a = 25^{\circ}\text{C}$

– at 50,000 h: L80 B10

– at 222,000 h: L70 B50

max. ambient temperature $t_a = 40^{\circ}\text{C}$

– at 50,000 h: L80 B50

– at 93,000 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

• Stainless steel

• Polished aluminium

Code number **.1**

Code number **.2**

Code number **.3**