

BEGA**50 646.1**

Ceiling and wall luminaire for indoor use

IP 64

Project · Reference number

Date

Product data sheet**Application**

Ceiling and wall luminaire · indoor luminaire with LEDs made of aluminium and hand-blown crystal glass.

For a variety of interior lighting applications.

Product description

Luminaire made of Aluminium,

finish white enamel

Hand-blown crystal glass, white inside, with screw-neck

Silicone gasket

2 mounting holes \varnothing 5.5 mm

Distance apart 200 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[□]

with plug connection

Earth conductor connection

LED power supply unit

220-240 V \sim 0/50-60 Hz

DC 176-280 V

Safety class I

Protection class IP 64

Dust-tight and protection against splash water

CE – Conformity mark

Weight: 3.0 kg

Inrush current

Inrush current: 5 A / 50 μ s

Maximum number of luminaires of this type per miniature circuit breaker:

B10A: 31 luminaires

B16A: 50 luminaires

C10A: 52 luminaires

C16A: 85 luminaires

Lamp

Module connected wattage

14.2 W

Luminaire connected wattage

16.5 W

Rated temperature

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

Ambient temperature

$t_{a\text{max}} = 30^{\circ}\text{C}$

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Module designation

LED-0854/930

Colour temperature

3000 K

Colour rendering index

CRI > 90

Module luminous flux

1970 lm

Luminaire luminous flux

1255 lm

Luminaire luminous efficiency

76,1 lm/W

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Module designation

LED-0854/940

Colour temperature

4000 K

Colour rendering index

CRI > 90

Module luminous flux

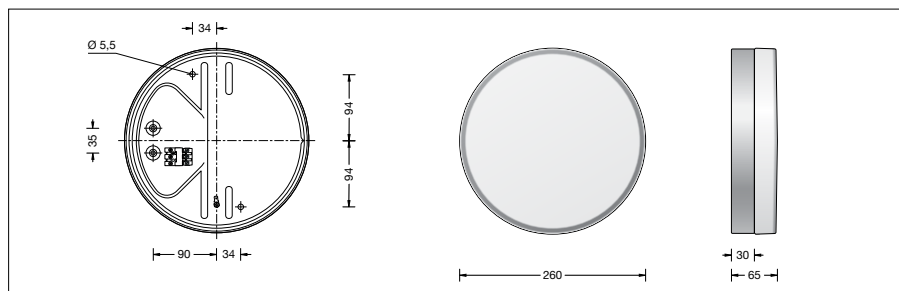
2040 lm

Luminaire luminous flux

1302 lm

Luminaire luminous efficiency

78,9 lm/W

**Lifetime of the LED**

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

– at 212,000h: L70B50

max. ambient temperature $t_a = 30^{\circ}\text{C}$

– at 157,000h: L70B50

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.

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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**