

Project · Reference number

Date

Product data sheet**Application**

Ceiling and wall luminaire · indoor luminaire made of hand-blown opal glass, satin matt and aluminium alloy 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 made of aluminium alloy and stainless steel, finish white enamel
Hand-blown opal glass, satin matt
2 mounting holes \varnothing 5 mm
Distance apart 290 mm
2 cable entries for through-wiring for mains cable up to \varnothing 10,5 mm max. $5 \times 1.5^{\square}$
Connecting terminal 2.5^{\square}
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 44
Protected against granular foreign bodies > 1 mm and splash water
CE – Conformity mark
Weight: 1.9 kg

Inrush current

Inrush current: 21 A / 18.2 μ s
Maximum number of luminaires of this type per miniature circuit breaker:

B 10A: 50 luminaires
B 16A: 50 luminaires
C 10A: 50 luminaires
C 16A: 50 luminaires

Lamp

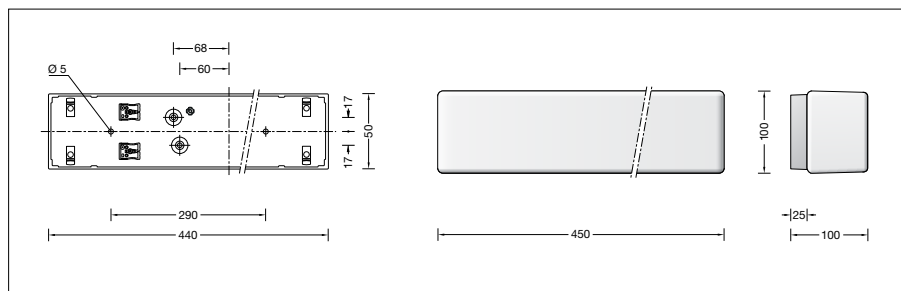
Module connected wattage 19.6 W
Luminaire connected wattage 22 W
Rated temperature $t_a = 25^{\circ}\text{C}$
Ambient temperature $t_{a \text{ max}} = 40^{\circ}\text{C}$

50 497 K3

Module designation LED-0574/930
Colour temperature 3000 K
Colour rendering index CRI > 90
Module luminous flux 2690 lm
Luminaire luminous flux* 2150 lm
Luminaire luminous efficiency* 97,7 lm/W

50 497 K4

Module designation LED-0574/940
Colour temperature 4000 K
Colour rendering index CRI > 90
Module luminous flux 2790 lm
Luminaire luminous flux* 2230 lm
Luminaire luminous efficiency* 101,4 lm/W

**Lifetime of the LED**

Ambient temperature $t_a = 15^{\circ}\text{C}$
– at 50,000 h: L 90 B 10
– at 409,000 h: L 70 B 50
Ambient temperature $t_a = 25^{\circ}\text{C}$
– at 50,000 h: L 80 B 10
– at 220,000 h: L 70 B 50

max. ambient temperature $t_a = 40^{\circ}\text{C}$
– at 50,000 h: L 80 B 50
– at 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.

Article No. 50 497

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

* preliminary data