

BEGA**50 653.2**

Ceiling and wall luminaire for indoor use

IP 44

Project · Reference number

Date

Product data sheet

Application

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.

Product description

Metal housing,
finish white enamel
Hand-blown opal glass, satin matt,
with sliding-bolt closure
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^{\square}
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 44
Protected against granular foreign bodies
> 1 mm and splash water
CE – Conformity mark
Weight: 3.1 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

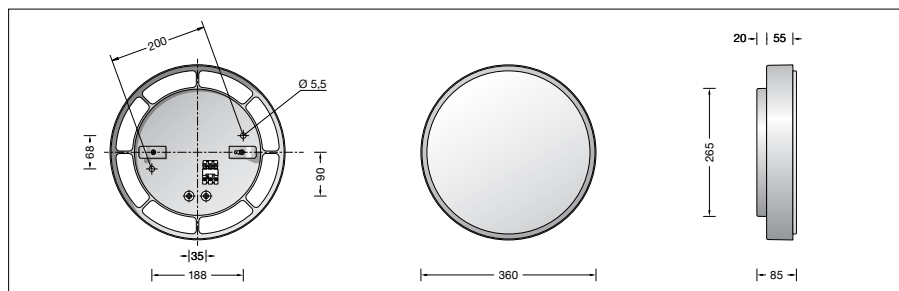
Module connected wattage	16.4 W
Luminaire connected wattage	18.5 W
Rated temperature	$t_a = 25^{\circ}\text{C}$
Ambient temperature	$t_{a\text{max}} = 30^{\circ}\text{C}$

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Module designation	LED-0569/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	2050 lm
Luminaire luminous flux	1333 lm
Luminaire luminous efficiency	72,1 lm/W

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Module designation	LED-0569/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	2125 lm
Luminaire luminous flux	1382 lm
Luminaire luminous efficiency	74,7 lm/W

**Lifetime of the LED**

Ambient temperature $t_a = 15^{\circ}\text{C}$
– at 50,000 h: L90 B10
– at 487,000 h: L70 B50

Ambient temperature $t_a = 25^{\circ}\text{C}$
– at 50,000 h: L90 B10
– at 259,000 h: L70 B50

max. ambient temperature $t_a = 30^{\circ}\text{C}$
– at 50,000 h: L80 B10
– at 190,000 h: L70 B50

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

If the article number is followed by a **P**, we can also supply these luminaires in impact-resistant synthetic material.