

BEGA**50 671.4**

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.
Luminaire with a high protection class.

Product description

Luminaire made of aluminium alloy
Finish brass
Hand-blown opal glass, with screw neck
Silicone gasket
2 mounting holes \varnothing 5.5 mm
Distance apart 280 mm
2 cable entries for through-wiring for mains
cable up to \varnothing 11 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
DC 170-276 V
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
Impact strength IK05
Protection against mechanical
impacts < 0.7 joule
CE – Conformity mark

Inrush current

Inrush current: 20 A / 400 μ s
Maximum number of luminaires of this
type per miniature circuit breaker:
B 10A: 9 luminaires
B 16A: 15 luminaires
C 10A: 16 luminaires
C 16A: 25 luminaires

Lamp

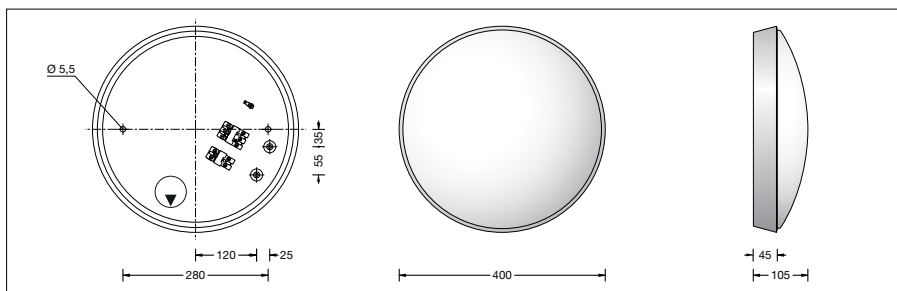
Module connected wattage 43.7 W
Luminaire connected wattage 48.5 W
Rated temperature $t_a = 25^{\circ}\text{C}$
Ambient temperature $t_{a, \text{max}} = 30^{\circ}\text{C}$

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Module designation LED-0531/930
Colour temperature 3000 K
Colour rendering index CRI > 90
Module luminous flux 5105 lm
Luminaire luminous flux 2911 lm
Luminaire luminous efficiency 60 lm/W

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Module designation LED-0531/940
Colour temperature 4000 K
Colour rendering index CRI > 90
Module luminous flux 5295 lm
Luminaire luminous flux 3019 lm
Luminaire luminous efficiency 62,2 lm/W

**Lifetime of the LED**

Ambient temperature $t_a = 15^{\circ}\text{C}$
– at 50,000 h: L80 B10
– at 175,000 h: L70 B50

Ambient temperature $t_a = 25^{\circ}\text{C}$
– at 50,000 h: L80 B50
– at 99,000 h: L70 B50

max. ambient temperature $t_a = 30^{\circ}\text{C}$
– at 50,000 h: L80 B50
– at 75,000 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**
- Polished aluminium Code number **.3**
- Brass Code number **.4**