

**BEGA****50 671.1**

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 white enamel  
Hand-blown opal glass, with screw neck  
Silicone gasket  
2 cable entries for through-wiring for mains  
cable up to  $\varnothing$  11 mm max.  $5 \times 1.5^{\square}$   
2 mounting holes  $\varnothing$  5.5 mm  
Distance apart 280 mm  
Connection terminal  $2.5^{\square}$   
Earth conductor connection  
Connecting terminal 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  
Weight: 5.3 kg

**Inrush current**

Inrush current: 20 A / 400  $\mu$ 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**

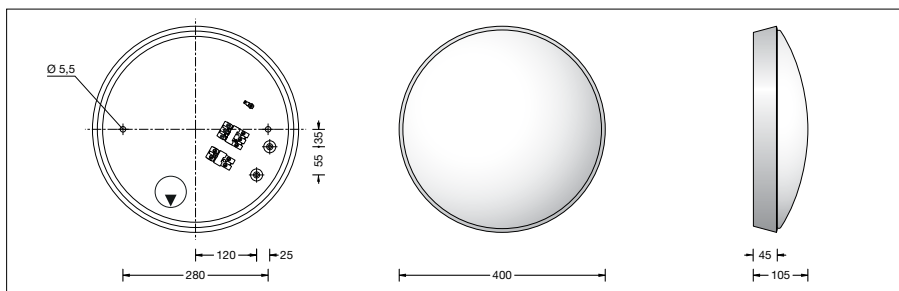
Module connected wattage	43.7 W
Luminaire connected wattage	48.5 W
Rated temperature	$t_a = 25^{\circ}\text{C}$
Ambient temperature	$t_{a, \text{max}} = 30^{\circ}\text{C}$

**50 671.1 K3**

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

**50 671.1 K4**

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

**Service life of the LED**

Ambient temperature  $t_a = 25^{\circ}\text{C}$   
– at 99,000h: L70B50

max. ambient temperature  $t_a = 30^{\circ}\text{C}$   
– at 75,000h: 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](http://www.bega.com).

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LED colour temperature optionally 3000K  
or 4000K  
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**