

BEGA**50 670.1**

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

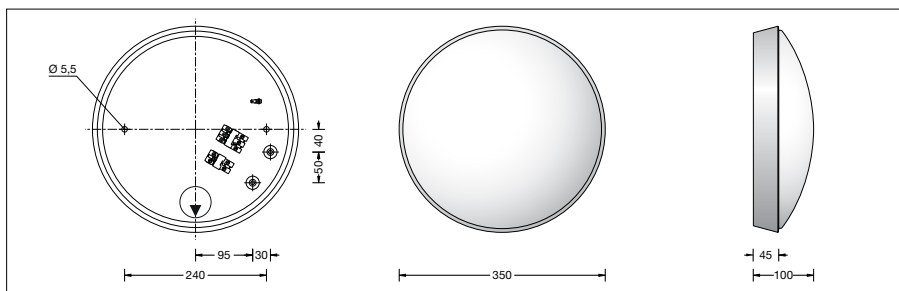
Luminaire made of aluminium alloy,
finish white enamel
Hand-blown opal glass, with screw neck
Silicone gasket
2 mounting holes \varnothing 5.5 mm
Distance apart 240 mm
2 cable entries for through-wiring for mains
cable up to \varnothing 11 mm max. $5 \times 1.5^{\square}$
Connection terminal 2.5^{\square}
Earth conductor connection
Connecting terminal DA DA for
digital control
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 170-280 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
CE – Conformity mark

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	28.1 W
Luminaire connected wattage	31.6 W
Rated temperature	$t_a = 25^{\circ}\text{C}$
Ambient temperature	$t_{a\text{max}} = 30^{\circ}\text{C}$

**50 670.1 K3**

Module designation	LED-0832/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	3675 lm
Luminaire luminous flux*	2550 lm
Luminaire luminous efficiency*	80,7 lm/W

50 670.1 K4

Module designation	LED-0832/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	3810 lm
Luminaire luminous flux*	2643 lm
Luminaire luminous efficiency*	83,6 lm/W

Lifetime of the LED

Ambient temperature $t_a = 25^{\circ}\text{C}$
– at 146,000h: L70B50
max. ambient temperature $t_a = 30^{\circ}\text{C}$
– at 110,000h: 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.

Article No. 50 670.1

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**

* preliminary data