

BEGA**50 094.1**

Wall luminaire for indoor use



Project · Reference number

Date

Product data sheet

Application

Enclosed and free-radiating wall luminaire made of hand-blown opal glass, with metal housing, for all lighting tasks in interior applications.

Product description

Metal luminaire housing,
finish white enamel
Hand-blown opal glass
Metal shield,
enamel white finish
2 mounting holes $\varnothing$ 4.5 mm
Distance apart 250 mm
2 cable entries for through-wiring for connection
cable up to $\varnothing$ 10,5 mm max. 5 x 1.5[□]
Connection terminal 2.5[□]
Earth conductor connection
Connecting terminal 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
 – Safety mark
CE – Conformity mark
Weight: 1.1 kg

Inrush current

Inrush current: 12 A / 24.2 μ s
Maximum number of luminaires of this
type per miniature circuit breaker:
B 10 A: 50 luminaires
B 16 A: 50 luminaires
C 10 A: 50 luminaires
C 16 A: 50 luminaires

Lamp

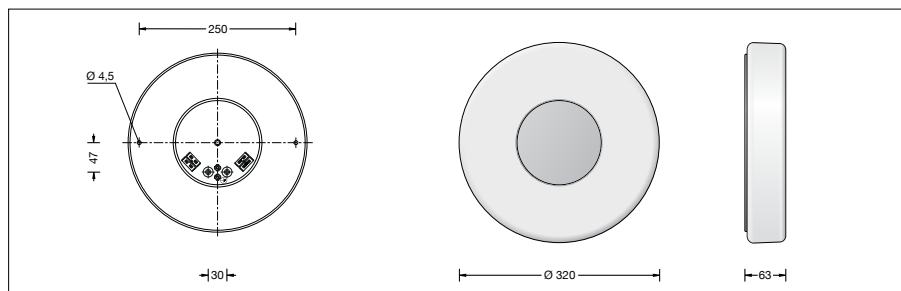
Module connected wattage	16.8 W
Luminaire connected wattage	19.6 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{ max}} = 40^\circ\text{C}$

50 094.1 K3

Module designation	LED-0594/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2320 lm
Luminaire luminous flux	1306 lm
Luminaire luminous efficiency	66,6 lm/W

50 094.1 K4

Module designation	LED-0594/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2320 lm
Luminaire luminous flux	1306 lm
Luminaire luminous efficiency	66,6 lm/W



Service life of the LED

Ambient temperature $t_a = 25^\circ\text{C}$
– at 252,000 h: L70B50

max. ambient temperature $t_a = 40^\circ\text{C}$
– at 104,000 h: 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.

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

Shield finish options

- Enamel, white
- Chrome
- Enamel, velvet black

Code number **.1**
Code number **.3**
Code number **.5**