

BEGA**50 094.5**

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, velvet black enamel 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. $5 \times 1.5^{\square}$
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
DALI controllable
A basic isolation exists between power cable and control line
Safety class I
 – Safety mark
 – 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 10A: 50 luminaires
B 16A: 50 luminaires
C 10A: 50 luminaires
C 16A: 50 luminaires

Lamp

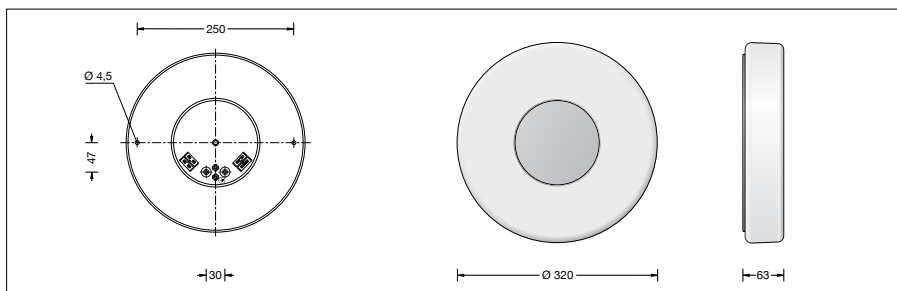
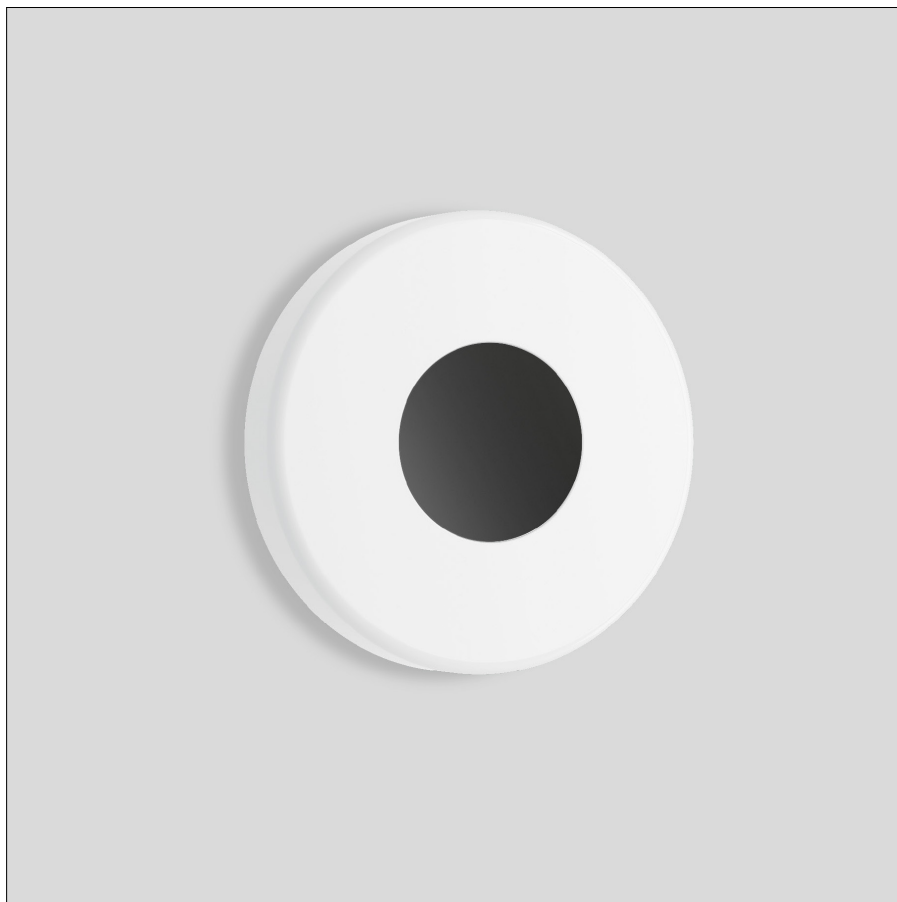
Module connected wattage 16.8 W
Luminaire connected wattage 19.6 W
Rated temperature $t_a = 25$ °C
Ambient temperature $t_{a \max} = 40$ °C

50 094.5 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

50 094.5 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 $t_a = 25$ °C
– at 252,000h: L70B50

max. ambient temperature $t_a = 40$ °C
– at 104,000h: 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.

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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 Code number **.1**
- Chrome Code number **.3**
- Enamel, velvet black Code number **.5**