

BEGA**50 505**

Ceiling and wall luminaire for indoor use



Project · Reference number

Date

Product data sheet

Application

Ceiling and wall luminaire · indoor luminaire made of hand-blown opal glass and metal housing, for all lighting tasks. They are ideal for places where a soft and uniform lighting distribution is required.

Product description

Metal housing,
finish white enamel
Hand-blown opal glass, satin matt,
with bayonet closure
2 mounting holes \varnothing 5.5 mm
Distance apart 230 mm
2 cable entries for through-wiring for mains
cable up to \varnothing 10.5 mm max. $3 \times 1.5^{\square}$
Connection terminal 2.5^{\square}
Earth conductor connection
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-280 V
Safety class I
 – Safety mark
CE – Conformity mark
Weight: 2.4 kg

Inrush current

Inrush current: 5 A / 50 μ s
Maximum number of luminaires of this
type per miniature circuit breaker:
B10A: 31 luminaires
B16A: 50 luminaires
C10A: 52 luminaires
C16A: 85 luminaires

Lamp

Module connected wattage 16.8 W
Luminaire connected wattage 20 W
Rated temperature $t_a = 25^{\circ}\text{C}$
Ambient temperature $t_{a, \text{max}} = 35^{\circ}\text{C}$

50 505 K3

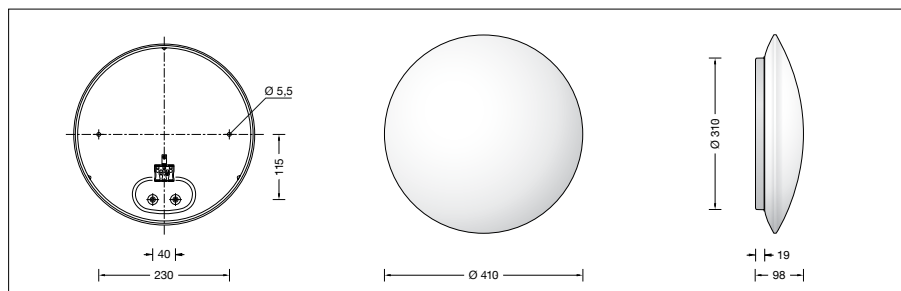
Colour temperature 3000 K
Colour rendering index CRI > 90
Module luminous flux 2110 lm
Luminaire luminous flux 1575 lm
Luminaire luminous efficiency 78,8 lm/W

50 505 K2

Colour temperature 2700 K
Colour rendering index CRI > 90
Module luminous flux 2095 lm
Luminaire luminous flux 1564 lm
Luminaire luminous efficiency 78,2 lm/W

50 505 K4

Colour temperature 4000 K
Colour rendering index CRI > 90
Module luminous flux 2185 lm
Luminaire luminous flux 1631 lm
Luminaire luminous efficiency 81,6 lm/W



Service life of the LED

Ambient temperature $t_a = 25^{\circ}\text{C}$
– at 210,000h: L70B50
max. ambient temperature $t_a = 35^{\circ}\text{C}$
– at 117,000h: 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. 50 505

LED colour temperature optionally 2700 K,
3000 K or 4000 K
2700 K – Article number + **K2**
3000 K – Article number + **K3**
4000 K – Article number + **K4**