

BEGA**50 506**

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 6 mm
Distance apart 340 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 170-280 V
Safety class I
Impact strength IK02
Protection against mechanical
impacts < 0.2 joule
 – Safety mark
CE – Conformity mark
Weight: 4.1 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 28.1 W
Luminaire connected wattage 32.5 W
Rated temperature $t_a = 25^{\circ}\text{C}$
Ambient temperature $t_{a\text{max}} = 35^{\circ}\text{C}$

50 506 K3

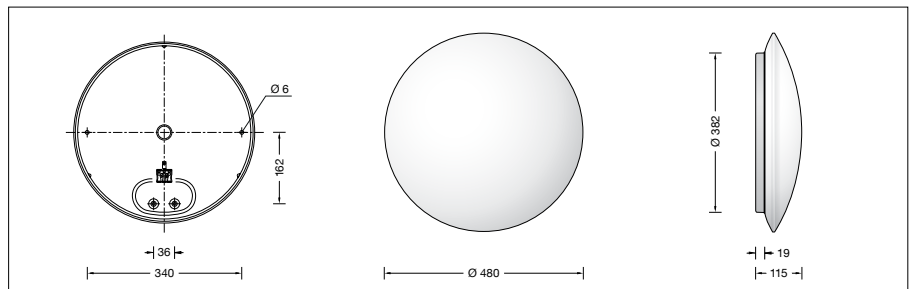
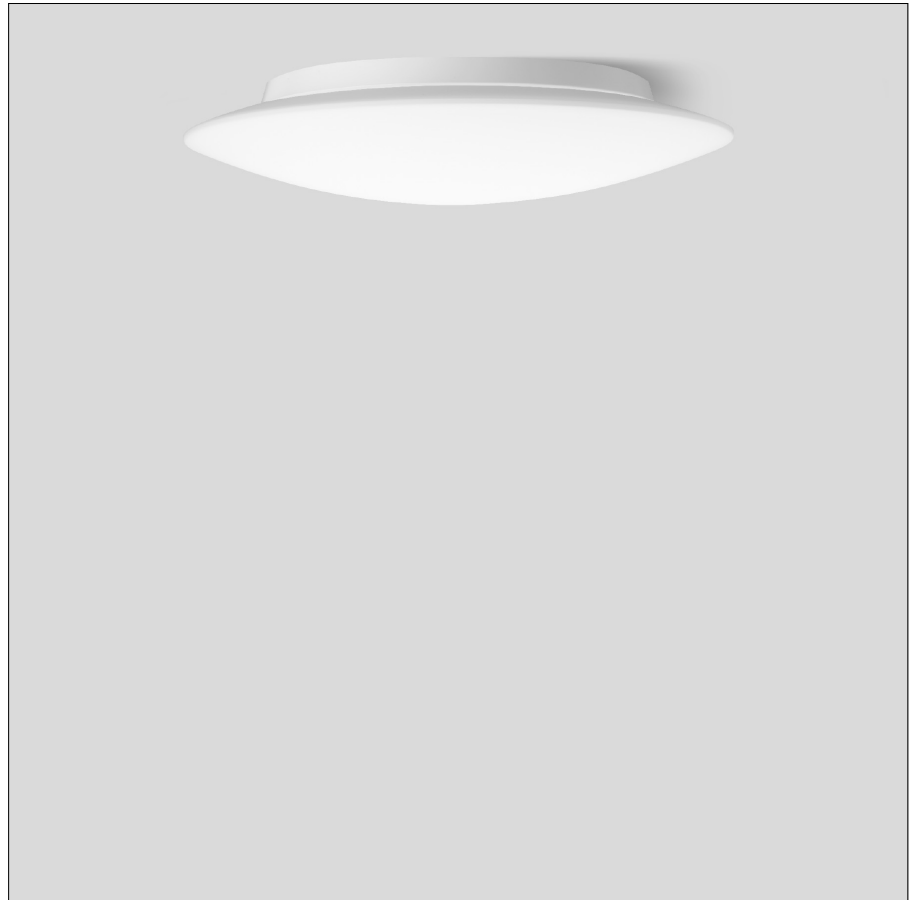
Colour temperature 3000 K
Colour rendering index CRI > 90
Module luminous flux 3685 lm
Luminaire luminous flux 2643 lm
Luminaire luminous efficiency 81,3 lm/W

50 506 K2

Colour temperature 2700 K
Colour rendering index CRI > 90
Module luminous flux 3655 lm
Luminaire luminous flux 2621 lm
Luminaire luminous efficiency 80,6 lm/W

50 506 K4

Colour temperature 4000 K
Colour rendering index CRI > 90
Module luminous flux 3820 lm
Luminaire luminous flux 2740 lm
Luminaire luminous efficiency 84,3 lm/W



Service life of the LED

Ambient temperature $t_a = 25^{\circ}\text{C}$
– at 302,000 h: L70B50

max. ambient temperature $t_a = 35^{\circ}\text{C}$
– at 164,000 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.

Article No. 50 506

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**

If the article number is followed by a **P**, we can also supply these luminaires in impact-resistant synthetic material.