

BEGA**50 510**

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 11 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
CE – Conformity mark
Weight: 4.3 kg

Inrush current

Inrush current: 20 A / 400 μ s
Maximum number of luminaires of this
type per miniature circuit breaker:
B 10A: 9 luminaires
B 16A: 15 luminaires
C 10A: 16 luminaires
C 16A: 25 luminaires

Lamp

Module connected wattage	43.5 W
Luminaire connected wattage	48 W
Rated temperature	$t_a = 25^{\circ}\text{C}$
Ambient temperature	$t_{a\text{max}} = 35^{\circ}\text{C}$

50 510 K3

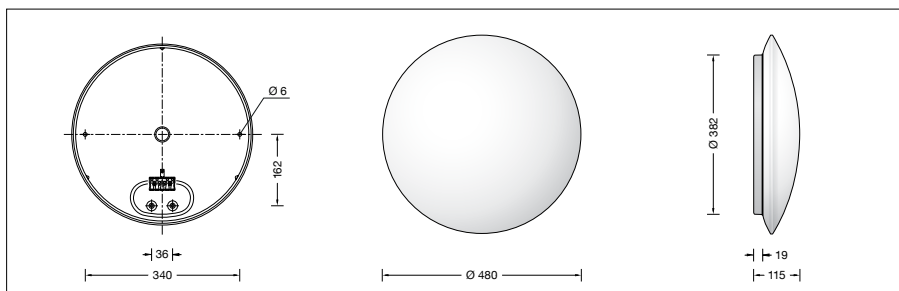
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	5505 lm
Luminaire luminous flux	4064 lm
Luminaire luminous efficiency	84,7 lm/W

50 510 K2

Colour temperature	2700 K
Colour rendering index	CRI > 90
Module luminous flux	5465 lm
Luminaire luminous flux	4034 lm
Luminaire luminous efficiency	84 lm/W

50 510 K4

Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	5705 lm
Luminaire luminous flux	4211 lm
Luminaire luminous efficiency	87,7 lm/W



Service life of the LED

Ambient temperature $t_a = 25^{\circ}\text{C}$
– at 164,000h: L70B50

max. ambient temperature $t_a = 35^{\circ}\text{C}$
– at 93,000h: 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 2700 K,
3000 K or 4000 K
2700 K – Article number + **K2**
3000 K – Article number + **K3**
4000 K – Article number + **K4**