

BEGA**50 509**

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 x 1.5²
Connection terminal 2.5²
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: 4.7 kg

Lamp

Module connected wattage	28.1 W
Luminaire connected wattage	32.2 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 45$ °C

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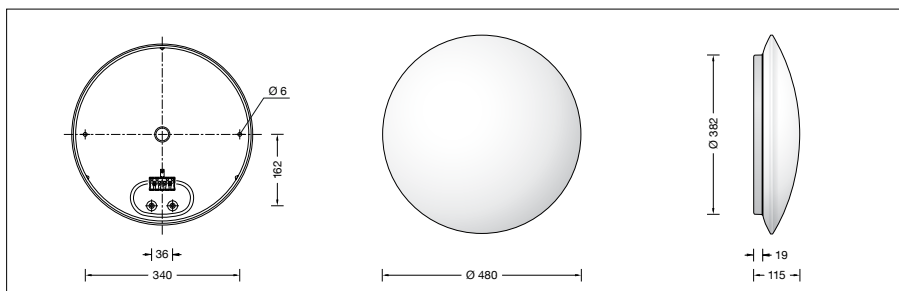
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	3685 lm
Luminaire luminous flux	2643 lm
Luminaire luminous efficiency	82,1 lm/W

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Colour temperature	2700 K
Colour rendering index	CRI > 90
Module luminous flux	3655 lm
Luminaire luminous flux	2621 lm
Luminaire luminous efficiency	81,4 lm/W

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Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	3820 lm
Luminaire luminous flux	2740 lm
Luminaire luminous efficiency	85,1 lm/W



Service life of the LED

Ambient temperature $t_a = 25$ °C
– at 330,000h: L70B50

max. ambient temperature $t_a = 45$ °C
– at 101,000h: 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**