

**BEGA****50 465**

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 170-280 V  
Safety class I  
 – Safety mark  
**CE** – Conformity mark  
Weight: 3.2 kg

### Lamp

Module connected wattage	26.9 W
Luminaire connected wattage	31.6 W
Rated temperature	$t_a = 25^{\circ}\text{C}$
Ambient temperature	$t_{a\text{max}} = 30^{\circ}\text{C}$

### 50 465 K3

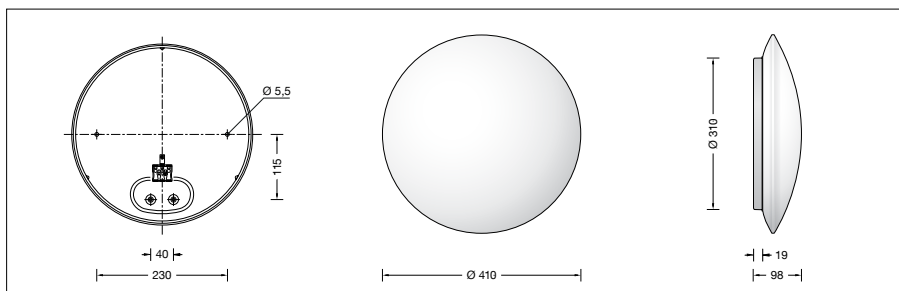
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	3385 lm
Luminaire luminous flux	2576 lm
Luminaire luminous efficiency	81,5 lm/W

### 50 465 K2

Colour temperature	2700 K
Colour rendering index	CRI > 90
Module luminous flux	3360 lm
Luminaire luminous flux	2557 lm
Luminaire luminous efficiency	80,9 lm/W

### 50 465 K4

Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	3510 lm
Luminaire luminous flux	2671 lm
Luminaire luminous efficiency	84,5 lm/W



### Service life of the LED

Ambient temperature  $t_a = 25^{\circ}\text{C}$   
– at 121,000h: L70B50

max. ambient temperature  $t_a = 30^{\circ}\text{C}$   
– at 91,000h: L70B50

### Inrush current

Inrush current: 20 A / 400  $\mu\text{s}$   
Maximum number of luminaires of this  
type per miniature circuit breaker:

B 10A:	9 luminaires
B 16A:	15 luminaires
C 10A:	15 luminaires
C 16A:	25 luminaires

### 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](http://www.bega.com).

### Article No. 50 465

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**