

**BEGA****50 080**

Ceiling and wall luminaire for indoor use

IP 44

Project · Reference number

Date

## Product data sheet

**Application**

LED ceiling and wall luminaire · indoor luminaire made of hand-blown opal glass, satin matt and metal housing, for all lighting tasks. They are ideal for places where a soft and uniform lighting distribution is required. The used LED technique offers durability and optimal light output with low power consumption at the same time.

**Product description**

Metal housing,  
finish white enamel  
Hand-blown opal glass, satin matt,  
with sliding-bolt closure  
2 mounting holes  $\varnothing$  5.5 mm  
Distance apart 280 mm  
2 cable entries for through-wiring for mains  
cable up to  $\varnothing$  10,5 mm max.  $5 \times 1.5^2$   
Connecting terminal  $2.5^2$   
with plug connection  
Earth conductor connection  
2-pole 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  
Protection class IP 44  
Protected against granular foreign bodies  
> 1 mm and splash water  
**CE** – Conformity mark  
Weight: 3.9 kg

**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).

**Lamp**

Module connected wattage	37.8 W
Luminaire connected wattage	43 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 30^\circ\text{C}$

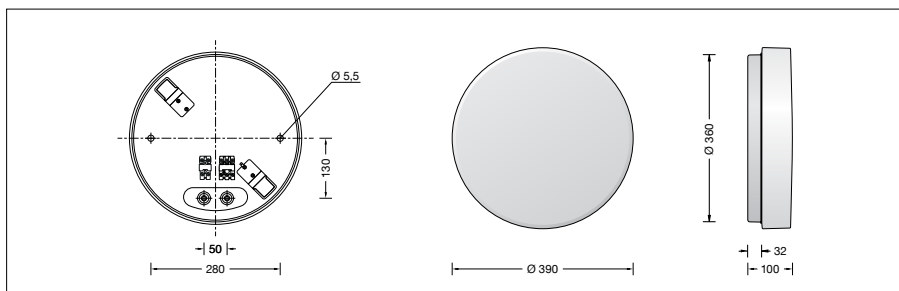
**50 080 K3**

Module designation	LED-0531/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	4750 lm
Luminaire luminous flux*	3136 lm
Luminaire luminous efficiency*	72,9 lm/W

**50 080 K4**

Module designation	LED-0531/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	4925 lm
Luminaire luminous flux*	3251 lm
Luminaire luminous efficiency*	75,6 lm/W

\* preliminary data

**Lifetime of the LED**

Ambient temperature  $t_a = 15^\circ\text{C}$   
 – at 50,000h: L80B10  
 – at 212,000h: L70B50

Ambient temperature  $t_a = 25^\circ\text{C}$   
 – at 50,000h: L70B10  
 – at 118,000h: L70B50

max. ambient temperature  $t_a = 30^\circ\text{C}$   
 – at 50,000h: L80B50  
 – at 89,000h: L70B50

**Inrush current**

Inrush current: 20 A / 400  $\mu\text{s}$   
 Maximum number of luminaires of this  
 type per miniature circuit breaker:  
 B10A: 9 luminaires  
 B16A: 15 luminaires  
 C10A: 16 luminaires  
 C16A: 25 luminaires

**Article No. 50 080**

LED colour temperature optionally 3000K  
 or 4000K  
 3000 K – Article number  
 4000 K – Article number + **K4**

**Accessory · Trim rings**

For this luminaire metal trim rings in 3 surfaces  
 are optional available.  
 Trim rings are accessories and must be ordered  
 separately.

Item	Part. No
Enamel <b>white</b>	<b>13 082</b>
<b>Stainless steel</b>	<b>13 083</b>
<b>Chrome</b>	<b>13 084</b>