

**BEGA****50 022**

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. Luminaire with HF-motion sensor and group module (Master).

**Product description**

Metal housing,  
finish white enamel  
Hand-blown opal glass, satin matt,  
with bayonet closure  
Integrated HF-motion sensor,  
maximum range 10 m  
Integrated group module,  
maximum range 30 m  
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.  $3 \times 1.5^{\square}$   
Connecting terminal  $2.5^{\square}$   
Earth conductor connection  
LED power supply unit  
230 V  $\sim$  50 Hz  
Safety class I  
Impact strength IK03  
Protection against mechanical  
impacts < 0.35 joule  
**CE** – Conformity mark  
Weight: 2.6 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	26.9 W
Luminaire connected wattage	32.2 W
Rated temperature	$t_a = 25^{\circ}\text{C}$
Ambient temperature	$t_{a\text{max}} = 30^{\circ}\text{C}$

**50 022 K3**

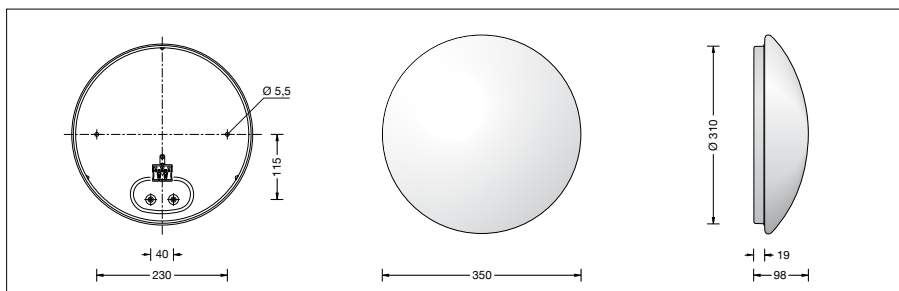
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	3385 lm
Luminaire luminous flux	2215 lm
Luminaire luminous efficiency	68,8 lm/W

**50 022 K2**

Colour temperature	2700 K
Colour rendering index	CRI > 90
Module luminous flux	3360 lm
Luminaire luminous flux	2199 lm
Luminaire luminous efficiency	68,3 lm/W

**50 022 K4**

Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	3510 lm
Luminaire luminous flux	2296 lm
Luminaire luminous efficiency	71,3 lm/W

**Lifetime of the LED**

Ambient temperature  $t_a = 15^{\circ}\text{C}$   
 – at 50,000 h: L80B10  
 – at 196,000 h: L70B50

Ambient temperature  $t_a = 25^{\circ}\text{C}$   
 – at 50,000 h: L80B50  
 – at 110,000 h: L70B50

max. ambient temperature  $t_a = 30^{\circ}\text{C}$   
 – at 50,000 h: L80B50  
 – at 83,000 h: L70B50

**Article No. 50 022**

LED colour temperature optionally 3000 K, 2700 K or 4000 K  
 3000 K – Article number + **K3**  
 2700 K – Article number + **K2**  
 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.

**Accessory · Trim rings**

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

Finish enamel <b>white</b>	<b>13004</b>
Finish enamel <b>palladium</b>	<b>13005</b>
Finish enamel <b>glossy silver</b>	<b>13006</b>

Part. No