

**BEGA****50 409**

Pendant luminaire for indoor use

Project · Reference number

Date

**Product data sheet****Application**

Pendant luminaire · indoor luminaire for free-radiating and uniform light with hand-blown opal glass and metal housing.

**Product description**

Metal housing and canopy  
 White enamel finish  
 Hand-blown opal glass  
 Light-diffusing cylinder inside  
 Mounting plate with 2 fixing holes  $\varnothing$  4.5 mm · 106 mm spacing  
 White flex suspension  $2 \times 0,5^{\square}$  with 1 steel messenger wire  
 Overall length of luminaire approx. 3000 mm  
 Connecting terminal  $2.5^{\square}$   
 Earth conductor connection  
 2-pole connecting terminal for digital control  
 LED power supply unit inside canopy  
 220-240 V  $\sim$  0/50-60 Hz  
 DALI controllable  
 A basic isolation exists between power cable and control line  
 Safety class I  
**CE** – Conformity mark  
 Weight: 2.5 kg

**Inrush current**

Inrush current: 5 A / 50  $\mu$ s  
 Maximum number of luminaires of this type per miniature circuit breaker:  
 B 10A: 30 luminaires  
 B 16A: 50 luminaires  
 C 10A: 52 luminaires  
 C 16A: 80 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).

**Lamp**

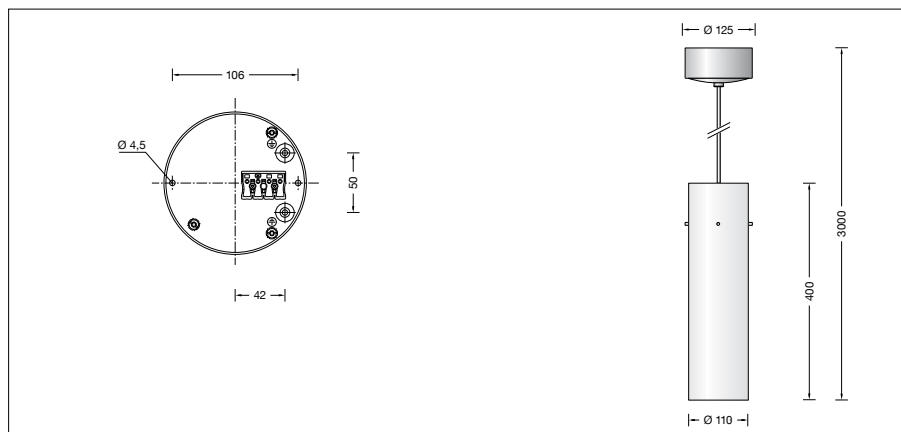
Module connected wattage	15.6 W
Luminaire connected wattage	18.4 W
Rated temperature	$t_a = 25^{\circ}\text{C}$
Ambient temperature	$t_{a \text{ max}} = 35^{\circ}\text{C}$

**50 409 K3**

Module designation	4x LED-0610/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	2160 lm
Luminaire luminous flux	1419 lm
Luminaire luminous efficiency	77,1 lm/W

**50 409 K4**

Module designation	4x LED-0610/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	2220 lm
Luminaire luminous flux	1458 lm
Luminaire luminous efficiency	79,2 lm/W

**Lifetime of the LED**

Ambient temperature  $t_a = 15^{\circ}\text{C}$   
 – at 50,000h: L 90 B 10  
 – at 300,000h: L 70 B 50

Ambient temperature  $t_a = 25^{\circ}\text{C}$   
 – at 50,000h: L 80 B 10  
 – at 163,000h: L 70 B 50

max. ambient temperature  $t_a = 35^{\circ}\text{C}$   
 – at 50,000h: L 80 B 50  
 – at 82,000h: L 70 B 50

**Article No. 50 409**

LED colour temperature optionally 3000 K or 4000 K  
 3000 K – Article number + **K3**  
 4000 K – Article number + **K4**