

**BEGA****50 638.5**

Pendant luminaire for indoor use

Project · Reference number

Date

## Product data sheet

**Application**

LED Pendant luminaire · indoor luminaire with hand-blown opal glass, satin matt and reflector for directed light to provide a high horizontal illuminance.

**Product description**

Luminaire made of aluminium alloy,  
velvet black enamel finish  
Hand-blown opal glass,  
satin matt, with screw neck  
Reflector made of pure anodised aluminium  
Black flex suspension  $3 \times 0.75$  □  
Overall length of luminaire approx. 2000 mm  
Connection terminal 2.5 □  
Earth conductor connection  
LED power supply unit  
220-240 V  $\sim$  0/50-60 Hz  
DC 176-280 V  
Safety class I  
CE – Conformity mark

**Inrush current**

Inrush current: 5 A / 50  $\mu$ s  
Maximum number of luminaires of this type per miniature circuit breaker:  
B10A: 31 luminaires  
B16A: 50 luminaires  
C10A: 52 luminaires  
C16A: 85 luminaires

**Lighting technology**

Half beam angle 45°  
Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and interior lighting as well as luminaire data in EULUMDAT and IES format are available on our website [www.bega.com](http://www.bega.com).

**Lamp**

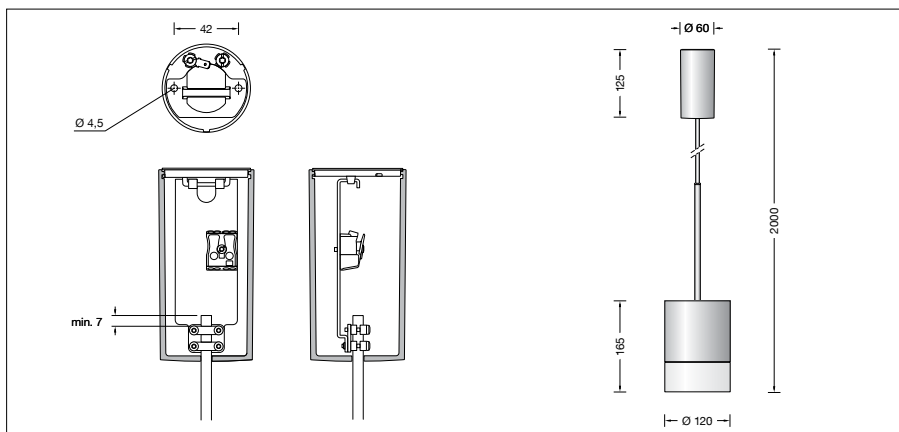
Module connected wattage	8.1 W
Luminaire connected wattage	9.6 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 35$ °C

**50 638.5 K3**

Module designation	LED-0800/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	1255 lm
Luminaire luminous flux*	920 lm
Luminaire luminous efficiency*	95,8 lm/W

**50 638.5 K4**

Module designation	LED-0800/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	1275 lm
Luminaire luminous flux*	934 lm
Luminaire luminous efficiency*	97,3 lm/W

**Service life of the LED**

Ambient temperature  $t_a = 25$  °C  
– at 400,000h: L70B50  
max. ambient temperature  $t_a = 35$  °C  
– at 350,000h: L70B50

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

## Finish options

- Enamel, velvet white Code number **.1**
- Stainless steel Code number **.2**
- Enamel, velvet black Code number **.5**

\* preliminary data