

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 $3 \times 0.75 \square$
 Overall length of luminaire approx. 2000 mm
 Connection terminal $2.5 \square$
 Earth conductor connection
 LED power supply unit
 $220-240 \text{ V} \sim 0/50-60 \text{ Hz}$
 $\text{DC } 176-280 \text{ V}$
 Safety class I
CE – Conformity mark
 Weight: 1.4 kg

Inrush current

Inrush current: $5 \text{ A} / 50 \mu\text{s}$
 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 51°
 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.

Lamp

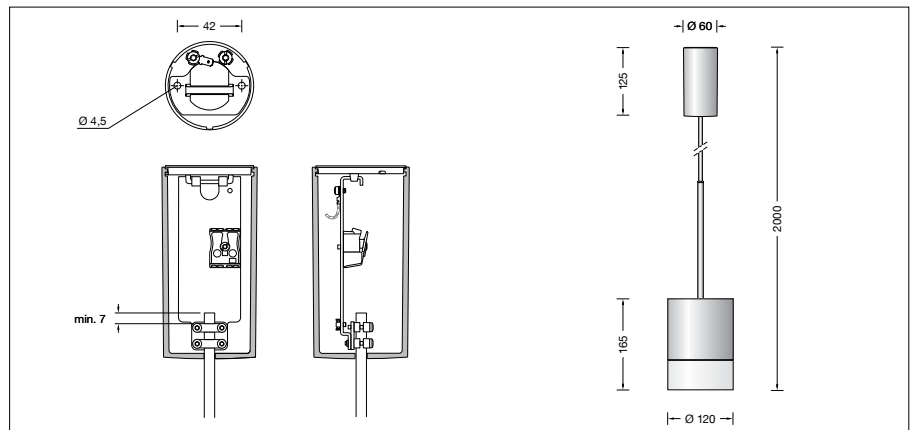
Module connected wattage	8.1 W
Luminaire connected wattage	9.8 W
Rated temperature	$t_a = 25^\circ \text{C}$
Ambient temperature	$t_{a \text{ max}} = 35^\circ \text{C}$

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	916 lm
Luminaire luminous efficiency	93,5 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	930 lm
Luminaire luminous efficiency	94,9 lm/W

**Service life of the LED**

Ambient temperature $t_a = 25^\circ \text{C}$
 – at 400,000 h: L70 B50
 max. ambient temperature $t_a = 35^\circ \text{C}$
 – at 350,000 h: L70 B50

Article No. 50 638.5

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**