

**BEGA****50 640.1**

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 cast aluminium, velvet white enamel finish  
Hand-blown opal glass, satin matt, with screw neck  
Reflector made of pure anodised aluminium  
White flex suspension  $5 \times 0,7$  □  
with 1 steel messenger wire  
Overall length of luminaire approx. 3000 mm  
Connecting terminals and earth conductor terminal 2,5<sup>□</sup>  
Connecting terminal for digital control  
LED power supply unit  
220-240 V  $\sim$  0/50-60 Hz  
DC 170-280 V  
DALI controllable  
A basic isolation exists between power cable and control line  
Safety class I  
CE – Conformity mark  
Weight: 2.9 kg

**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

**Lamp**

Module connected wattage	17 W
Luminaire connected wattage	20 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 45$ °C

**50 640.1 K3**

Module designation	LED-0785/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	2655 lm
Luminaire luminous flux	1838 lm
Luminaire luminous efficiency	91,9 lm/W

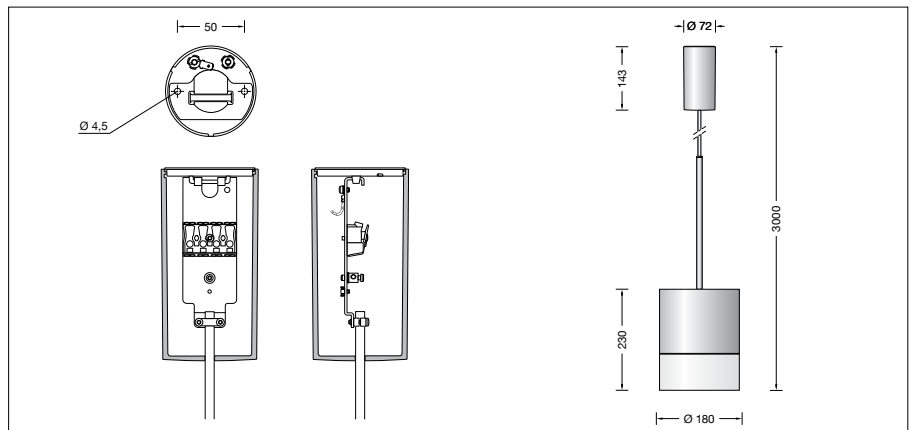
**50 640.1 K4**

Module designation	LED-0785/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	2695 lm
Luminaire luminous flux	1865 lm
Luminaire luminous efficiency	93,2 lm/W

**Service life of the LED**

Ambient temperature  $t_a = 25$  °C  
– at 390,000h: L70 B50

max. ambient temperature  $t_a = 45$  °C  
– at 300,000h: L70 B50

**Lighting technology**

Half beam angle 50°  
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).

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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**