

**BEGA****50 640.2**

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  
stainless steel finish  
Hand-blown opal glass,  
satin matt, with screw neck  
Reflector made of pure anodised aluminium  
Black flex suspension  $5 \times 0,75$  □  
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

**50 640.2 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

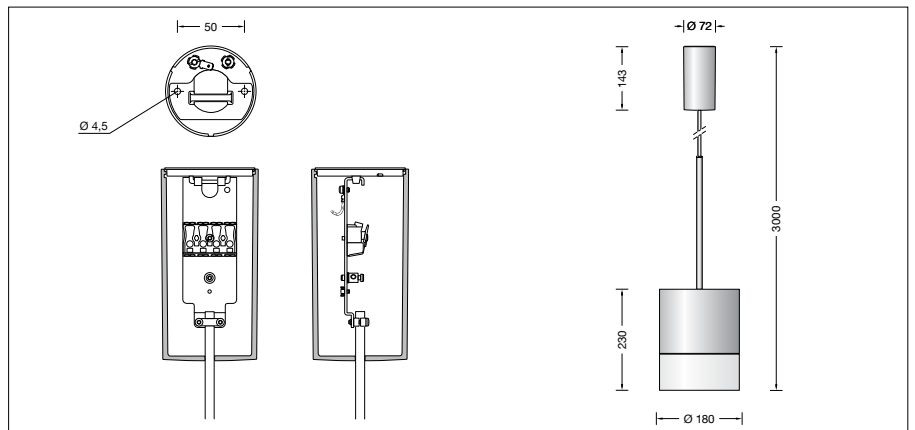
**50 640.2 K4**

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).

**Article No. 50 640.2**

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**