

**BEGA****50 822.1**

Pendant luminaire for indoor use

Project · Reference number

Date

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

Pendant luminaire · indoor luminaire for free-radiating and uniform light made of hand-blown opal glass, satin matt. Metal luminaire housing.

**Product description**

Metal luminaire housing and canopy, finish white enamel  
 Hand-blown opal glass, satin matt  
 Mounting plate with 2 fixing holes  $\varnothing$  4.5 mm · 138 mm spacing  
 White flex suspension  $3 \times 0,75$   $\square$  with 1 steel messenger wire  
 Overall length of luminaire approx. 2000 mm  
 Connection terminal 2.5  $\square$   
 Earth conductor connection  
 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: 3.8 kg

**Inrush current**

Inrush current: 26 A / 264  $\mu$ s  
 Maximum number of luminaires of this type per miniature circuit breaker:  
 B 10A: 10 luminaires  
 B 16A: 16 luminaires  
 C 10A: 16 luminaires  
 C 16A: 26 luminaires

**Lamp**

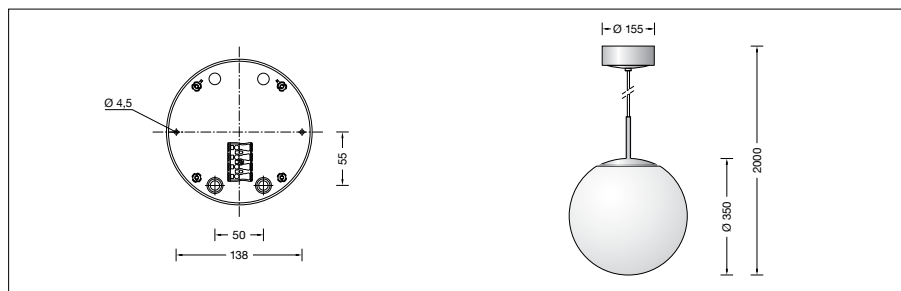
Module connected wattage 52.5 W  
 Luminaire connected wattage 58.5 W  
 Rated temperature  $t_a = 25$  °C  
 Ambient temperature  $t_{a \max} = 40$  °C

**50 822.1 K3**

Module designation 5x LED-0978/930  
 Colour temperature 3000 K  
 Colour rendering index CRI > 90  
 Module luminous flux 7950 lm  
 Luminaire luminous flux 6250 lm  
 Luminaire luminous efficiency 106,8 lm/W

**50 822.1 K4**

Module designation 5x LED-0978/930  
 Colour temperature 4000 K  
 Colour rendering index CRI > 90  
 Module luminous flux 8075 lm  
 Luminaire luminous flux 6348 lm  
 Luminaire luminous efficiency 108,5 lm/W

**Service life · Ambient temperature**

Rated temperature  $t_a = 25$  °C  
 LED psu: > 50,000 h  
 LED module: 120,000 h (L 80 B 50)  
 Ambient temperature  $t_{a \max} = 40$  °C (100 %)  
 LED psu: 50,000 h  
 LED module: 80,000 h (L 80 B 50)

**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).

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

**Optional finishes**

- White enamel code number **.1**
- Stainless steel code number **.2**
- Chrome code number **.3**
- Brass code number **.4**

If the article number is followed by a **P**, we can also supply these luminaires in impact-resistant synthetic material.