

**BEGA****50 823.1**

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 elongated holes  
 Width 5.5 mm · 125 mm spacing  
 White flex suspension 5 × 0,7 □ with 1 steel messenger wire  
 Overall length of luminaire approx. 2050 mm  
 Connection terminal 2.5 □  
 Earth conductor connection  
 Connecting terminal for digital control  
 LED power supply unit inside canopy  
 220-240 V ~ 0/50-60 Hz  
 DALI controllable  
 A basic isolation exists between power cable and control line  
 Safety class I  
 CE – Conformity mark  
 Weight: 4.6 kg

**Inrush current**

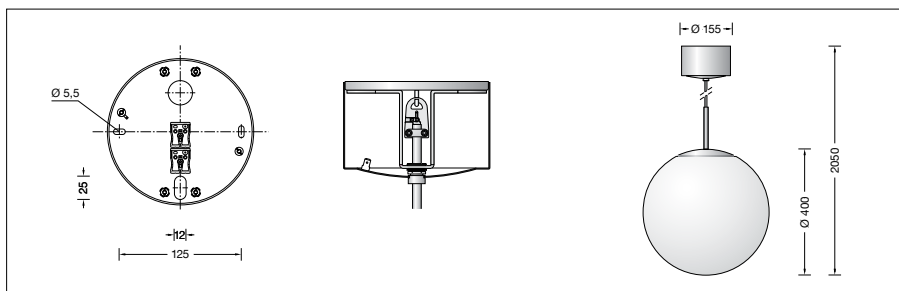
Inrush current: 5 A / 50 μs  
 Maximum number of luminaires of this type per miniature circuit breaker:  
 B10A: 31 luminaires  
 B16A: 50 luminaires  
 C10A: 52 luminaires  
 C16A: 85 luminaires

**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).

**Lamp**

Module connected wattage	57.5 W
Luminaire connected wattage	65 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 45\text{ °C}$

**50 823.1 K3**

Module designation	5x LED-0978/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	8675 lm
Luminaire luminous flux	7154 lm
Luminaire luminous efficiency	110,1 lm/W

**50 823.1 K4**

Module designation	5x LED-0978/930
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	8800 lm
Luminaire luminous flux	7257 lm
Luminaire luminous efficiency	111,6 lm/W

**Service life · Ambient temperature**

Ambient temperature $t_a = 25\text{ °C}$	LED psu: > 50,000 h
LED module:	120,000 h (L.80 B.50)
	50,000 h (L.80 B.50)

Ambient temperature $t_a = 45\text{ °C}$	LED psu: 50,000 h
LED module:	75,000 h (L.80 B.50)
	50,000 h (L.80 B.50)

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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.