

**BEGA****50 820.2 P**

Pendant luminaire for indoor use

Project · Reference number

Date

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

Pendant luminaire · indoor luminaire for free-radiating and uniform light with white synthetic globe and with metal luminaire housing.

**Product description**

Metal luminaire housing and canopy, stainless steel finish  
 White synthetic globe  
 Mounting plate with 2 fixing holes  $\varnothing$  4.5 mm · 136 mm spacing  
 Black flex suspension  $3 \times 0,75$  □ with 1 steel messenger wire  
 Overall length of luminaire approx. 2000 mm  
 Connection terminal 2.5 □  
 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

**Inrush current**

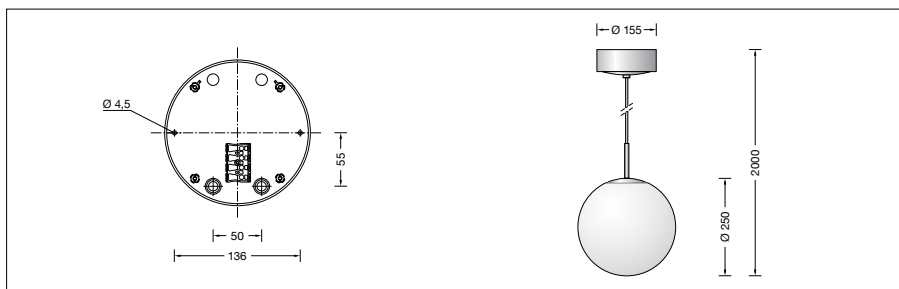
Inrush current: 5 A / 50  $\mu$ s  
 Maximum number of luminaires of this type per miniature circuit breaker:  
 B10A: 31 luminaires  
 B16A: 50 luminaires  
 C10A: 52 luminaires  
 C16A: 85 luminaires

**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	23 W
Luminaire connected wattage	26.5 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 40$ °C

**50 820.2 P K3**

Module designation	5x LED-1048/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	3450 lm
Luminaire luminous flux	2868 lm
Luminaire luminous efficiency	108,2 lm/W

**50 820.2 P K4**

Module designation	5x LED-1048/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	3500 lm
Luminaire luminous flux	2955 lm
Luminaire luminous efficiency	111,5 lm/W

**Service life · Ambient temperature**

Rated temperature $t_a = 25$ °C	LED psu: > 50,000h
LED module:	150,000h (L80 B50)
	50,000h (L80 B50)

Ambient temperature  $t_{a \max} = 40$  °C (100 %)

LED psu:	50,000h
LED module:	110,000h (L80 B50)
	50,000h (L80 B50)

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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**