

BEGA**50 820.2**

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, stainless steel finish
 Hand-blown opal glass, satin matt
 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
 Weight: 2.5 kg

Inrush current

Inrush current: 5 A / 50 μ 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.

Lamp

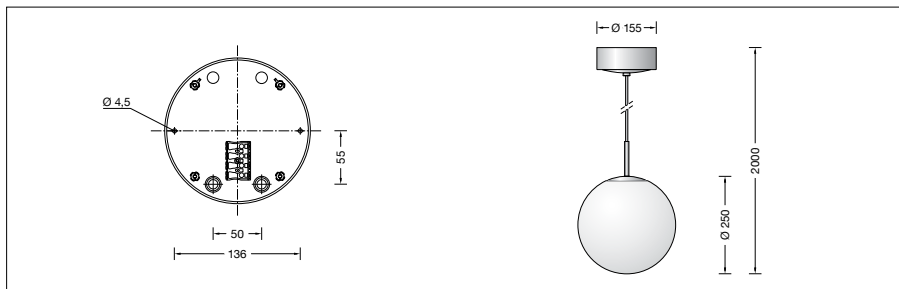
Module connected wattage	23 W
Luminaire connected wattage	26.5 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 40$ °C

50 820.2 K3

Module designation	5x LED-1048/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	3450 lm
Luminaire luminous flux	2632 lm
Luminaire luminous efficiency	99,3 lm/W

50 820.2 K4

Module designation	5x LED-1048/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	3500 lm
Luminaire luminous flux	2711 lm
Luminaire luminous efficiency	102,3 lm/W

**Service life · Ambient temperature**

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

Ambient temperature $t_{a \max} = 40$ °C (100 %)	
LED psu:	50,000 h
LED module:	110,000 h (L80 B50) 50,000 h (L80 B50)

Article No. 50 820.2

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.