

BEGA**50 821.1**

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 · 136 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: 2.8 kg

Inrush current

Inrush current: 20 A / 400 μ s
 Maximum number of luminaires of this type per miniature circuit breaker:
 B 10A: 9 luminaires
 B 16A: 15 luminaires
 C 10A: 16 luminaires
 C 16A: 25 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

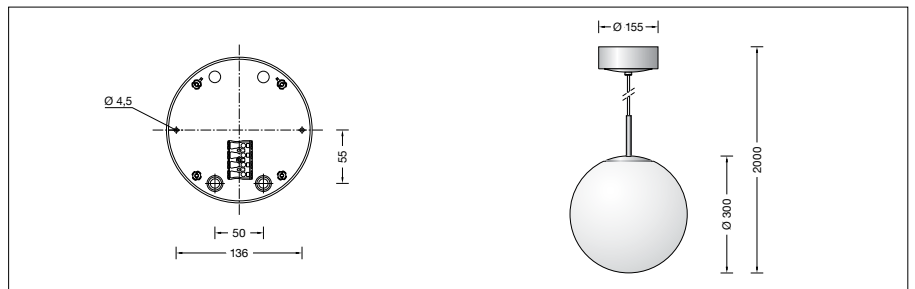
Module connected wattage	35.5 W
Luminaire connected wattage	39.5 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 40$ °C

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Module designation	5x LED-1048/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	5100 lm
Luminaire luminous flux	3949 lm
Luminaire luminous efficiency	100 lm/W

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Module designation	5x LED-1048/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	5175 lm
Luminaire luminous flux	4086 lm
Luminaire luminous efficiency	103,4 lm/W

**Service life · Ambient temperature**

Rated temperature $t_a = 25$ °C	
LED psu:	> 50,000h
LED module:	110,000h (L 80 B 50) 50,000h (L 80 B 50)

Ambient temperature $t_{a \max} = 40$ °C (100 %)	
LED psu:	50,000h
LED module:	75,000h (L 80 B 50) 50,000h (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.