

BEGA**50 823.4 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 metal luminaire housing.

Product description

Metal luminaire housing and canopy, finish brass
 White synthetic globe
 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

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.

Lamp

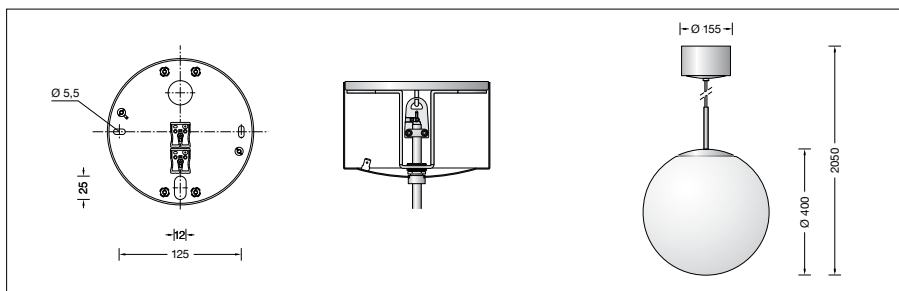
Module connected wattage	57.5 W
Luminaire connected wattage	65 W
Rated temperature	$t_a = 25 \text{ °C}$
Ambient temperature	$t_{a \text{ max}} = 45 \text{ °C}$

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Module designation	5x LED-0978/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	8675 lm
Luminaire luminous flux	7556 lm
Luminaire luminous efficiency	116,2 lm/W

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Module designation	5x LED-0978/930
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	8800 lm
Luminaire luminous flux	7664 lm
Luminaire luminous efficiency	117,9 lm/W

**Service life · Ambient temperature**

Ambient temperature $t_a = 25 \text{ °C}$	
LED psu:	> 50,000 h
LED module:	120,000 h (L80 B50) 50,000 h (L80 B50)

Ambient temperature $t_a = 45 \text{ °C}$	
LED psu:	50,000 h
LED module:	75,000 h (L80 B50) 50,000 h (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**

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