

BEGA**50616.1**

Pendant luminaire for indoor use

Project · Reference number

Date

Product data sheet

ApplicationLED ceiling luminaire downlight · indoor
luminaire with broad spread light distribution.**Product description**

Pendant luminaire downlight »GENIUS«
 Die-cast aluminium housing,
 Velvet white enamel finish
 Reflector surface made of pure aluminium
 Optical silicone lens
 Trim ring · Chrome finish
 Safety glass
 White flex suspension $3 \times 0,75^{\square}$
 Overall length of luminaire approx. 2000 mm
 Connection terminal 2.5^{\square}
 Earth conductor connection
 LED power supply unit
 $220-240\text{ V} \sim 0/50-60\text{ Hz}$
 $DC\ 176-280\text{ V}$
 Safety class I
CE – Conformity mark
 Weight: 1.4 kg

Inrush current

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

Lamp

Module connected wattage	11.5 W
Luminaire connected wattage	13.7 W
Rated temperature	$t_a = 25\text{ }^{\circ}\text{C}$
Ambient temperature	$t_{a\text{ max}} = 30\text{ }^{\circ}\text{C}$

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Module designation	LED-0800/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2025 lm
Luminaire luminous flux	1575 lm
Luminaire luminous efficiency	115 lm/W

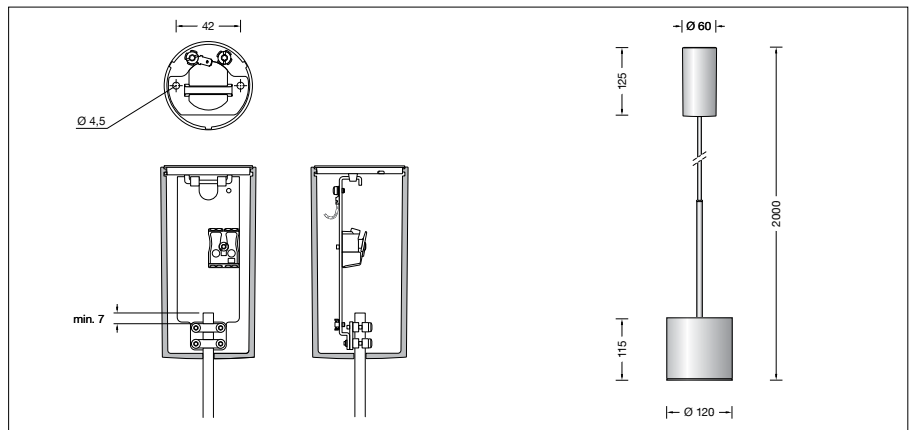
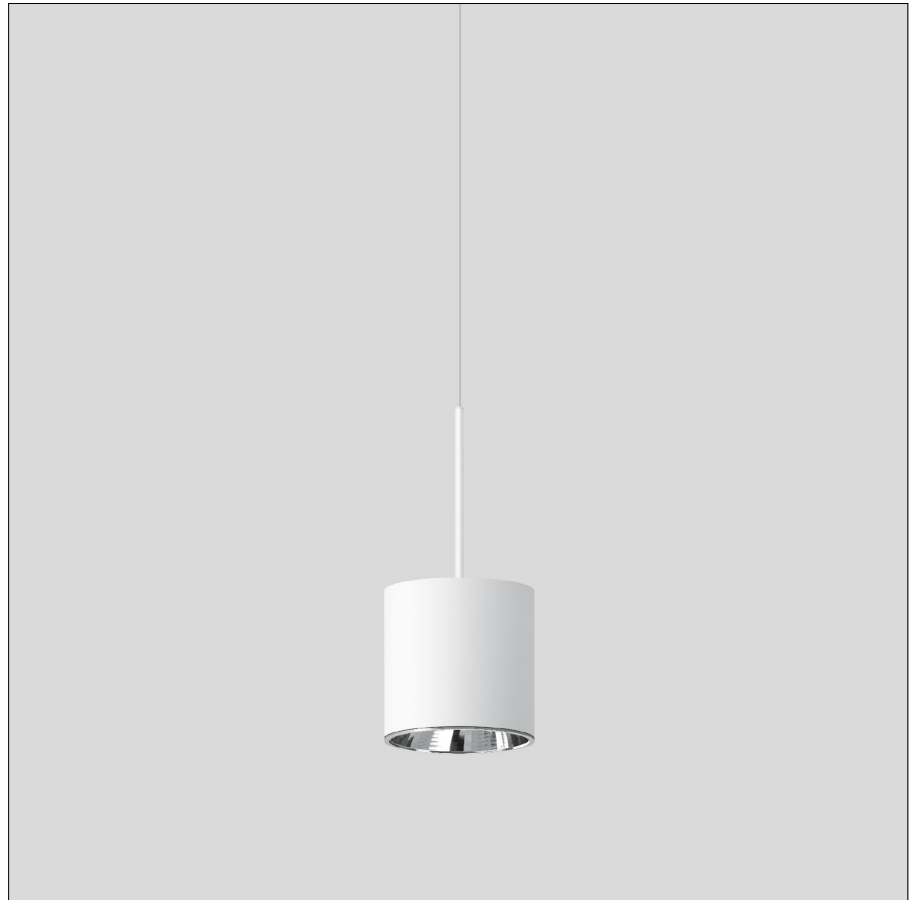
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Module designation	LED-0800/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2080 lm
Luminaire luminous flux	1618 lm
Luminaire luminous efficiency	118,1 lm/W

Service life of the LED

Ambient temperature $t_a = 25\text{ }^{\circ}\text{C}$
 – at 370,000h: L70 B50

max. ambient temperature $t_a = 30\text{ }^{\circ}\text{C}$
 – at 350,000h: L70 B50

**Lighting technology**

Half beam angle 62°
 Luminaire data for the light planning program
 DIALux for outdoor lighting, street lighting and
 interior lighting as well as luminaire data in
 EULUMDAT and IES format are available on our
 website www.bega.com.

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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

- Velvet white enamel finish Code number **.1**
- Velvet black enamel finish Code number **.5**