

BEGA**50 618.5**

Pendant luminaire for indoor use

Project · Reference number

Date

Product data sheet**Application**LED ceiling luminaire downlight · indoor
luminaire with broad spread light distribution.**Product description**

Pendant luminaire downlight »GENIUS«
 Die-cast aluminium housing,
 Velvet black enamel finish
 Reflector surface made of pure aluminium
 Optical silicone lens
 Trim ring · Chrome finish
 Safety glass
 Black flex suspension 5 × 0,75 □
 with 1 steel messenger wire
 Overall length of luminaire approx. 3000 mm
 Connection terminal 2.5 □
 Earth conductor connection
 Connecting terminal for digital control
 LED power supply unit
 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
 Weight: 2.0 kg

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

Lamp

Module connected wattage	16.8 W
Luminaire connected wattage	19.5 W
Rated temperature	$t_a = 25 \text{ }^\circ\text{C}$
Ambient temperature	$t_{a \text{ max}} = 25 \text{ }^\circ\text{C}$

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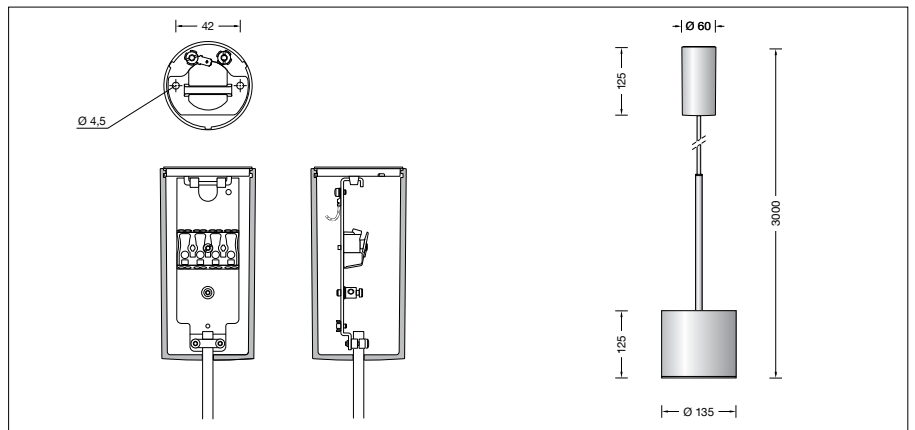
Module designation	LED-0800/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2850 lm
Luminaire luminous flux	2288 lm
Luminaire luminous efficiency	117,3 lm/W

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Module designation	LED-0800/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2920 lm
Luminaire luminous flux	2344 lm
Luminaire luminous efficiency	120,2 lm/W

Service life of the LED

max. ambient temperature $t_a = 25 \text{ }^\circ\text{C}$
 – at 360,000h: L70B50

**Lighting technology**

Half beam angle 40°
 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**