

BEGA**50 630.5**

Pendant luminaire for indoor use

Project · Reference number

Date

Product data sheet

ApplicationLED ceiling luminaire downlight · indoor
luminaire with wide beam 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 \sim 0/50-60 Hz
DALI controllable
A basic isolation exists between power cable
and control line
Safety class I
CE – Conformity mark
Weight: 2.0 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

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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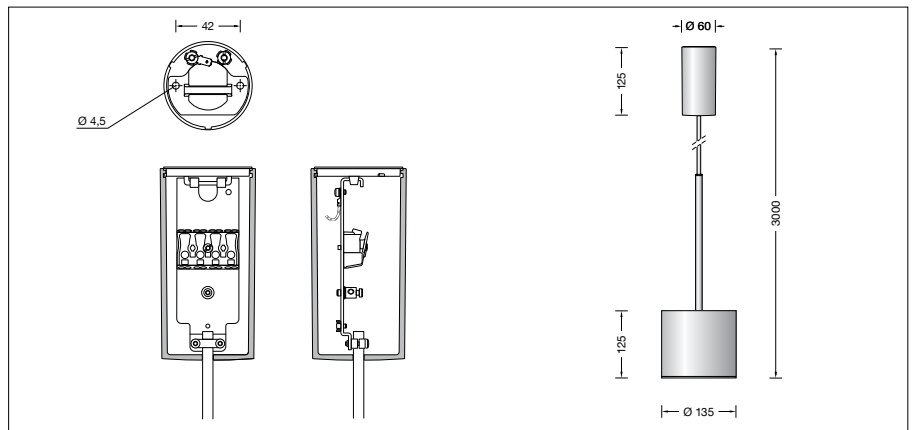
Module designation	LED-0800/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2850 lm
Luminaire luminous flux	2347 lm
Luminaire luminous efficiency	120,4 lm/W

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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	2405 lm
Luminaire luminous efficiency	123,3 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 34°
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**