

BEGA**50 623.1**

Pendant luminaire for indoor use

Project · Reference number

Date

Product data sheet**Application**LED pendant luminaire downlight · indoor
luminaire with narrow beam 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 5 × 0,7 □
 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	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-0800/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	1735 lm
Luminaire luminous flux*	1460 lm
Luminaire luminous efficiency*	106,6 lm/W

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Module designation	LED-0800/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	1760 lm
Luminaire luminous flux*	1481 lm
Luminaire luminous efficiency*	108,1 lm/W

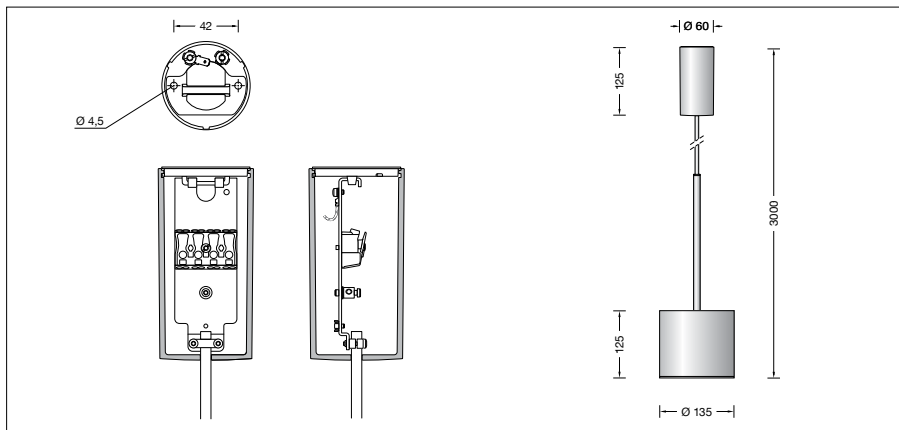
* preliminary data

Service life of the LED

Ambient temperature $t_a = 25 \text{ }^\circ\text{C}$
 – at 400,000h: L70B50

max. ambient temperature $t_a = 30 \text{ }^\circ\text{C}$

– at 370,000h: L70B50

**Light technique**

Symmetrical narrow beam light distribution.
 Half beam angle 15°
 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 are available on the
 BEGA website at 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**