

**BEGA****50618.1**

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 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 ~ 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	$t_a = 25 \text{ °C}$
Ambient temperature	$t_{a \text{ max}} = 25 \text{ °C}$

**50618.1 K3**

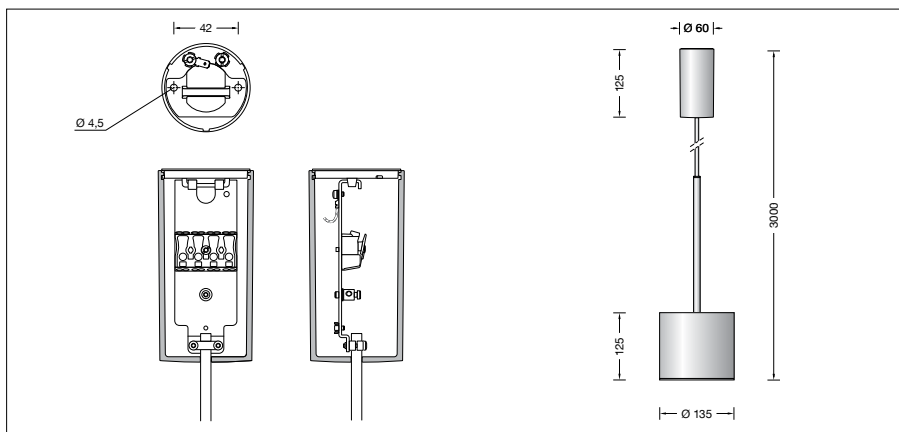
Module designation	LED-0800/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2850 lm
Luminaire luminous flux	2288 lm
Luminaire luminous efficiency	117,3 lm/W

**50618.1 K4**

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  $t_a = 25 \text{ °C}$   
– at 360,000h: L70B50

**Lighting technology**

Half beam angle 60°  
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](http://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**