

**BEGA****50 629.1**

Pendant luminaire for indoor use

Project · Reference number

Date

**Product data sheet****Application**

LED ceiling luminaire downlight · indoor  
luminaire with wide 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 <sup>□</sup>  
with 1 steel messenger wire  
Overall length of luminaire approx. 3000 mm  
Connection terminal 2.5 <sup>□</sup>  
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  $\mu$ 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  $t_a = 25$  °C  
Ambient temperature  $t_{a \max} = 30$  °C

**50 629.1 K3**

Module designation LED-0800/930  
Colour temperature 3000 K  
Colour rendering index CRI > 90  
Module luminous flux 1735 lm  
Luminaire luminous flux\* 1470 lm  
Luminaire luminous efficiency\* 107,3 lm/W

**50 629.1 K4**

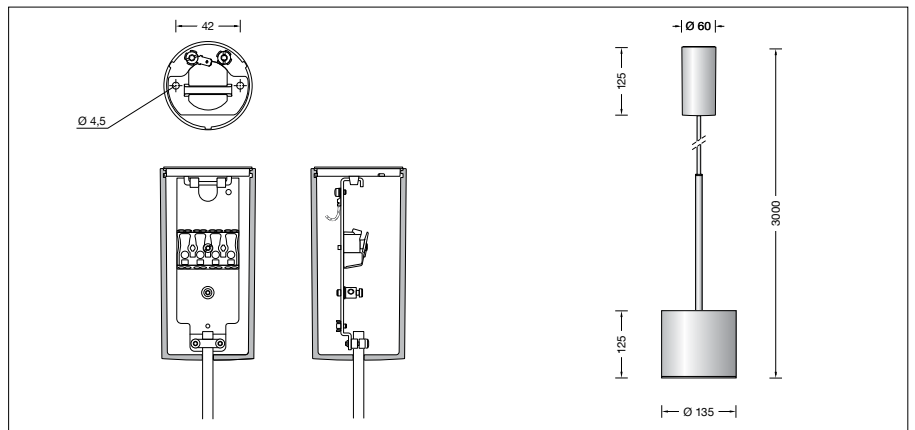
Module designation LED-0800/940  
Colour temperature 4000 K  
Colour rendering index CRI > 90  
Module luminous flux 1760 lm  
Luminaire luminous flux\* 1491 lm  
Luminaire luminous efficiency\* 108,8 lm/W

\* preliminary data

**Service life of the LED**

Ambient temperature  $t_a = 25$  °C  
– at 400,000h: L70B50

max. ambient temperature  $t_a = 30$  °C  
– at 370,000h: 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](http://www.bega.com).

**Article No. 50 629.1**

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**