

**BEGA****50 744.4**

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**

LED Pendant luminaire downlight »STUDIO LINE«  
 Aluminium luminaire housing,  
 velvet black enamel finish,  
 Inside hue matt brass  
 Trim ring · Chrome finish  
 Light-diffusing silicone lens  
 Reflector made of pure anodised aluminium  
 Black flex suspension  $3 \times 0.75$  □  
 Overall length of luminaire approx. 2000 mm  
 Connection terminal 2.5 □  
 Earth conductor connection  
 LED power supply unit  
 220-240 V  $\sim$  0/50-60 Hz  
 DC 176-280 V  
 Safety class I  
 CE – Conformity mark  
 Weight: 1.4 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    | 8.1 W                |
| Luminaire connected wattage | 9.8 W                |
| Rated temperature           | $t_a = 25$ °C        |
| Ambient temperature         | $t_{a \max} = 35$ °C |

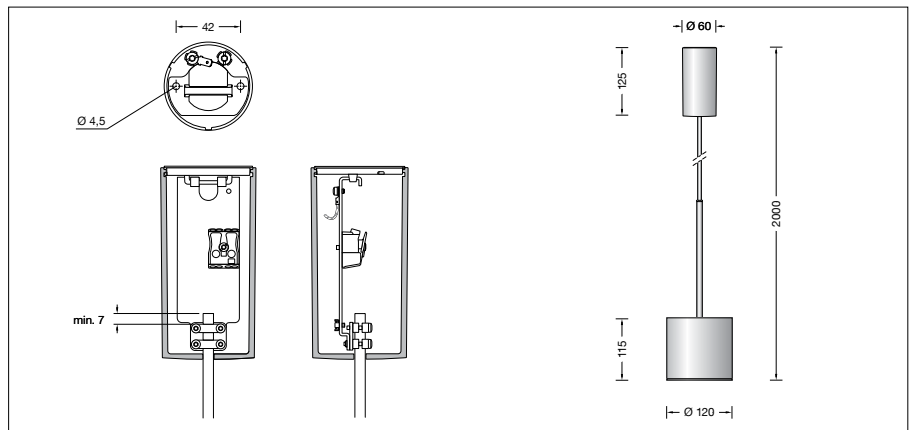
**50 744.4 K3**

|                               |              |
|-------------------------------|--------------|
| Module designation            | LED-0800/930 |
| Colour temperature            | 3000 K       |
| Colour rendering index        | CRI > 90     |
| Module luminous flux          | 1255 lm      |
| Luminaire luminous flux       | 861 lm       |
| Luminaire luminous efficiency | 87,9 lm/W    |

**Service life of the LED**

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

max. ambient temperature  $t_a = 35$  °C  
 – at 350,000h: L70B50

**Lighting technology**

Half beam angle 40°  
 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](http://www.bega.com).

**Article No. 50 744.4**

Interior colour options

- matt aluminium
- matt brass
- matt copper

Code number **.2**Code number **.4**Code number **.6**