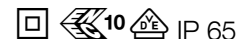


**BEGA****50 001.3**

Recessed ceiling luminaire for indoor use



Project · Reference number

Date

## Product data sheet

**Application**

LED recessed ceiling luminaire with crystal glass for wide beam light. For installation in suspended ceilings of 10-45 mm in interior applications.

**Product description**

Recessed LED luminaire with a remote non-dimmable power supply unit  
 Luminaire made of aluminium alloy, aluminium and stainless steel  
 Crystal glass with thread, partially frosted  
 Silicone gasket  
 Reflector made of pure anodised aluminium  
 Ceiling cover ring polished stainless steel  
 Luminaire housing with 2 fixing claws and guide screws  
 Ceiling aperture  $\varnothing$  71 mm  
 Free space installation depth required 75 mm  
 Connecting compartment with 2 cable entries for through-wiring of the mains supply cable up to  $\varnothing$  8-10 mm max.  $3 \times 1.5$ <sup>□</sup>  
 1 screw cable gland  
 factory-closed with sealing plug  
 Connecting terminals 2.5<sup>□</sup>  
 LED power supply unit  
 220-240 V  $\sim$  0/50-60 Hz  
 DC 170-280 V  
 Safety class II   
 Protection class IP 65  
 Dust-tight and protection against water jets  
 Impact strength IK06  
 Protection against mechanical impacts < 1 joule  
 – Safety mark  
 – Conformity mark  
 Weight: 0.47 kg

**Inrush current**

Inrush current: 27 A / 250  $\mu$ s  
 Maximum number of luminaires of this type per miniature circuit breaker:  
 B 10A: 17 luminaires  
 B 16A: 27 luminaires  
 C 10A: 28 luminaires  
 C 16A: 45 luminaires

**Lamp**

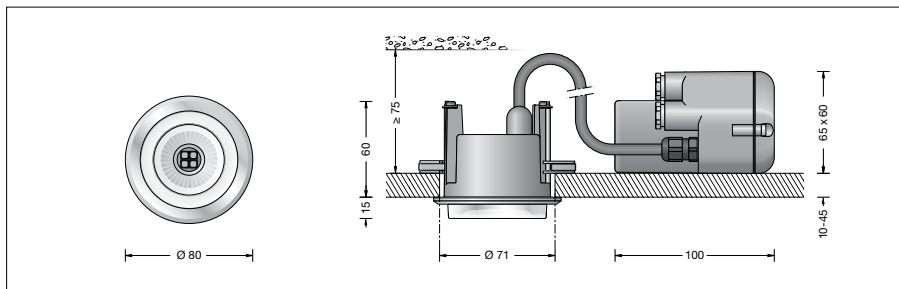
Module connected wattage 4.2 W  
 Luminaire connected wattage 6 W  
 Rated temperature  $t_a = 25$  °C  
 Ambient temperature  $t_{a \max} = 50$  °C  
 When installed in heat-insulating material  $t_{a \max} = 35$  °C

**50 001.3 K3**

Module designation LED-0458/930  
 Colour temperature 3000 K  
 Colour rendering index CRI > 90  
 Module luminous flux 505 lm  
 Luminaire luminous flux 260 lm  
 Luminaire luminous efficiency 43,3 lm/W

**50 001.3 K4**

Module designation LED-0458/940  
 Colour temperature 4000 K  
 Colour rendering index CRI > 90  
 Module luminous flux 525 lm  
 Luminaire luminous flux 270 lm  
 Luminaire luminous efficiency 45 lm/W

**Service life of the LED**

Ambient temperature  $t_a = 25$  °C  
 – at 186,000h: L70B50

max. ambient temperature  $t_a = 50$  °C  
 – at 105,000h: L70B50

**Lighting technology**

Half beam angle 40°  
 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. 50 001.3**

LED colour temperature optionally 3000K or 4000K  
 3000 K – Article number + **K3**  
 4000 K – Article number + **K4**

**Finish options**

- Enamel, white Code number **.1**
- Stainless steel Code number **.2**
- Polished stainless steel Code number **.3**

**Accessories**

**10407** Installation housing

A separate instructions for use can be provided upon request.