

**BEGA****50511.2**

Ceiling luminaire · downlight for indoor use



Project · Reference number



Date

## Product data sheet

### Application

Ceiling luminaire downlight · indoor luminaire with symmetrical wide beam light distribution.

### Product description

Aluminium alloy housing, stainless steel finish  
 Crystal glass, partially satin matt, with screw neck  
 Reflector made of pure anodised aluminium  
 2 mounting holes  $\varnothing$  4.5 mm  
 Distance apart 96 mm  
 The luminaire is suitable for through-wiring.  
 Connecting terminals 2.5<sup>□</sup>  
 Earth conductor connection  
 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  
 – Safety mark  
 – Conformity mark  
 Weight: 1.3 kg

### Light technique

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 you will find on the BEGA web page [www.bega.com](http://www.bega.com).

### Lamp

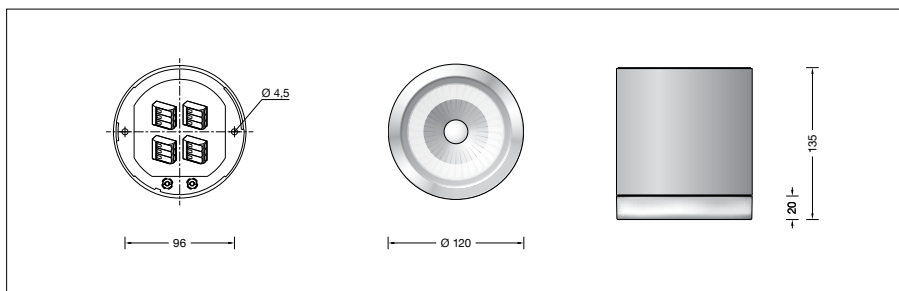
Module connected wattage	8.1 W
Luminaire connected wattage	9.8 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 35\text{ °C}$

### 50511.2K3

Module designation	LED-0800/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	1255 lm
Luminaire luminous flux	857 lm
Luminaire luminous efficiency	87,4 lm/W

### 50511.2K4

Module designation	LED-0800/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	1275 lm
Luminaire luminous flux	870 lm
Luminaire luminous efficiency	88,8 lm/W



### Service life of the LED

Ambient temperature  $t_a = 25\text{ °C}$   
 – at 400,000h: L70B50  
 max. ambient temperature  $t_a = 35\text{ °C}$   
 – at 350,000h: L70B50

### 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

### Article No. 50511.2

LED colour temperature optionally 3000K or 4000K

3000 K – Article number + **K3**

4000 K – Article number + **K4**

Optional finishes

- Velvet white enamel code number **.1**
- Stainless steel code number **.2**

### Light distribution

