

**BEGA****50511.1**

Ceiling luminaire · downlight for indoor use



Project · Reference number



Date

## Product data sheet

### Application

LED ceiling luminaire downlight · indoor  
luminaire with wide beam light distribution.

### Product description

Luminaire housing made of cast aluminium,  
velvet white enamel 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

### Inrush current

Inrush current: 5 A / 50  $\mu$ s  
Maximum number of luminaires of this  
type per miniature circuit breaker:  
B 10A: 31 luminaires  
B 16A: 50 luminaires  
C 10A: 52 luminaires  
C 16A: 85 luminaires

### Lamp

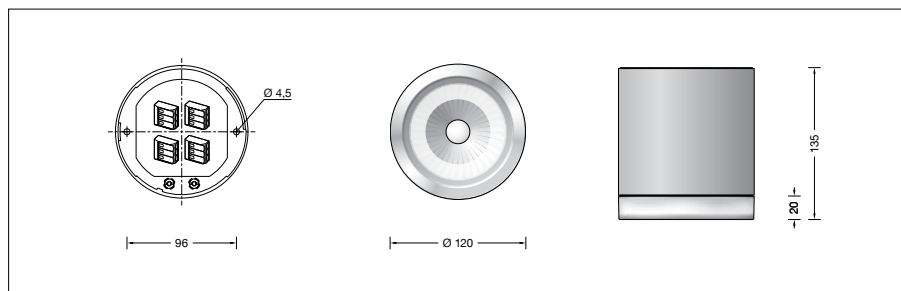
Module connected wattage	8.1 W
Luminaire connected wattage	9.8 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 35$ °C

### 50511.1 K3

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

### 50511.1 K4

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

### 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).

### Article No. 50511.1

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

### Optional finishes

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