

**BEGA****50 483.5**

Ceiling luminaire · downlight for indoor use



Project · Reference number



Date

## Product data sheet

### Application

LED ceiling luminaire downlight · indoor  
luminaire with asymmetrical light distribution.

### Product description

Ceiling luminaire downlight »GENIUS«  
Die-cast aluminium housing,  
Velvet black enamel finish  
Trim ring · Chrome finish  
Matt safety glass  
Light-diffusing silicone lens  
Reflector surface made of pure aluminium  
2 mounting holes  $\varnothing$  4.5 mm  
Distance apart 96 mm  
Connecting terminals 2.5<sup>□</sup>  
Earth conductor connection  
LED power supply unit  
220-240 V  $\sim$  0/50-60 Hz  
DC 176-280 V  
DALI controllable  
A basic isolation exists between power cable  
and control line  
Safety class I  
 – Safety mark  
 – Conformity mark  
Weight: 0.95 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

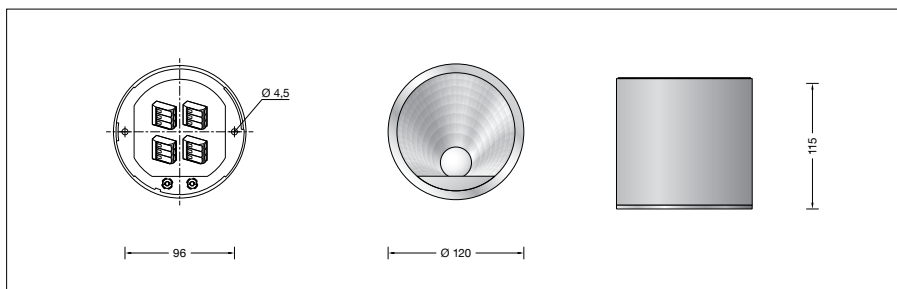
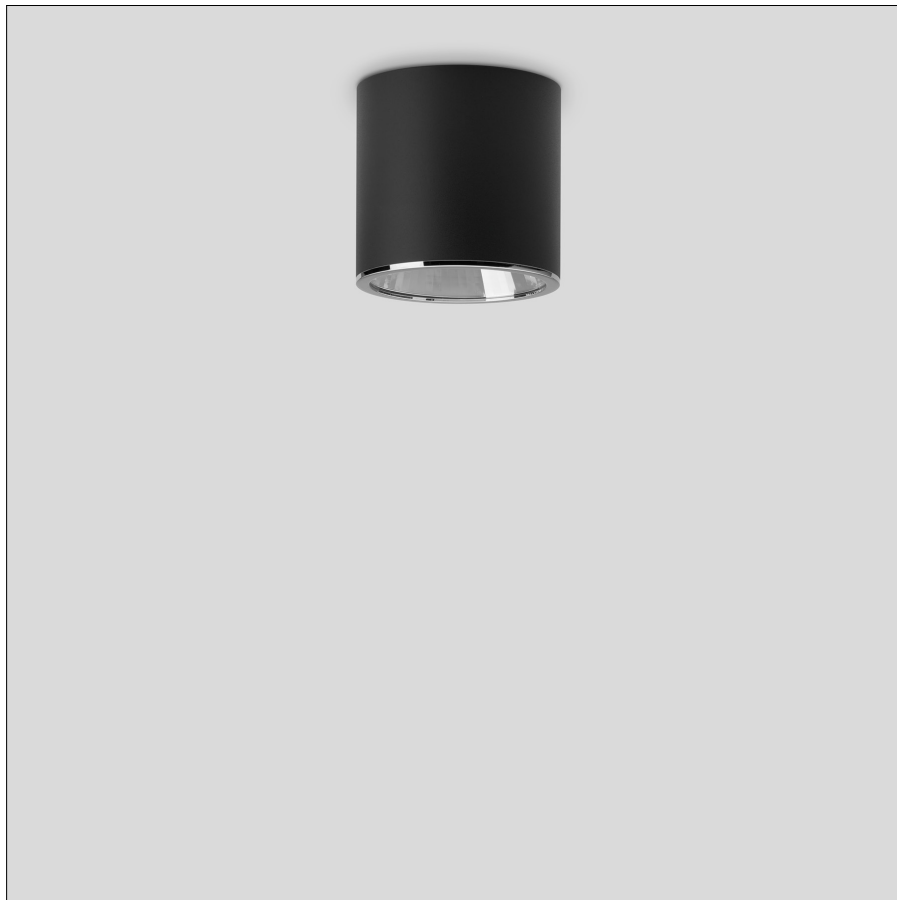
Module connected wattage 8.1 W  
Luminaire connected wattage 9.8 W  
Rated temperature  $t_a = 25$  °C  
Ambient temperature  $t_{a \max} = 30$  °C

### 50 483.5 K3

Module designation LED-0800/930  
Colour temperature 3000 K  
Colour rendering index CRI > 90  
Module luminous flux 1255 lm  
Luminaire luminous flux 953 lm  
Luminaire luminous efficiency 97,2 lm/W

### 50 483.5 K4

Module designation LED-0800/940  
Colour temperature 4000 K  
Colour rendering index CRI > 90  
Module luminous flux 1275 lm  
Luminaire luminous flux 968 lm  
Luminaire luminous efficiency 98,8 lm/W



### Service life of the LED

Ambient temperature  $t_a = 25$  °C  
– at 390,000h: L70B50

max. ambient temperature  $t_a = 30$  °C  
– at 370,000h: L70B50

### Light technique

Asymmetrical wide beam light distribution  
Half beam angle 64/68°  
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).

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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**