

**BEGA****50 513.2**

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

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 112 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  
**CE** – Conformity mark  
Weight: 1.7 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

### 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

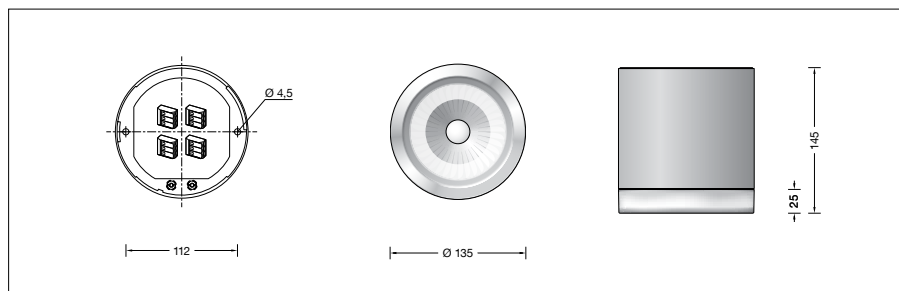
Module connected wattage	11.5 W
Luminaire connected wattage	13.7 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 30$ °C

### 50 513.2 K3

Module designation	LED-0800/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	1735 lm
Luminaire luminous flux	1151 lm
Luminaire luminous efficiency	84 lm/W

### 50 513.2 K4

Module designation	LED-0800/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	1760 lm
Luminaire luminous flux	1168 lm
Luminaire luminous efficiency	85,3 lm/W



### Service life · Ambient temperature

Ambient temperature $t_a = 25$ °C	
LED psu:	> 50,000 h
LED module:	> 200,000 h (L.80 B.50) 50,000 h (L.90 B.50)

Ambient temperature $t_a = 30$ °C	
LED psu:	50,000 h
LED module:	> 200,000 h (L.80 B.50) 50,000 h (L.90 B.50)

### Article No. 50 513.2

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**