

**BEGA****50 062.2**

Ceiling luminaire for indoor use



Project · Reference number

Date

## Product data sheet

### Application

Surface mounted LED luminaire · indoor luminaire with hand-blown crystal glass partially frosted with wide beam light distribution and metal housing. A reflector on the inside directs part of the light onto the ceiling surface.

### Product description

Luminaire made of aluminium, finish stainless steel  
 Hand-blown crystal glass, partially satin matt, with screw neck  
 Silicone gasket  
 Reflector of anodised pure aluminium  
 Light-diffusing silicone lens  
 2 mounting holes  $\varnothing$  5.5 mm  
 Distance apart 160 mm  
 2 cable entries for through-wiring of mains supply cable  $\varnothing$  7-10.5 mm, max. 5 G 1.5<sup>□</sup>  
 Connection terminal 2.5<sup>□</sup>  
 Earth conductor connection  
 Connecting terminal for digital control  
 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: 2.1 kg

### Inrush current

Inrush current: 20 A / 100  $\mu$ s  
 Maximum number of luminaires of this type per miniature circuit breaker:  
 B 10A: 33 luminaires  
 B 16A: 55 luminaires  
 C 10A: 33 luminaires  
 C 16A: 55 luminaires

### Lamp

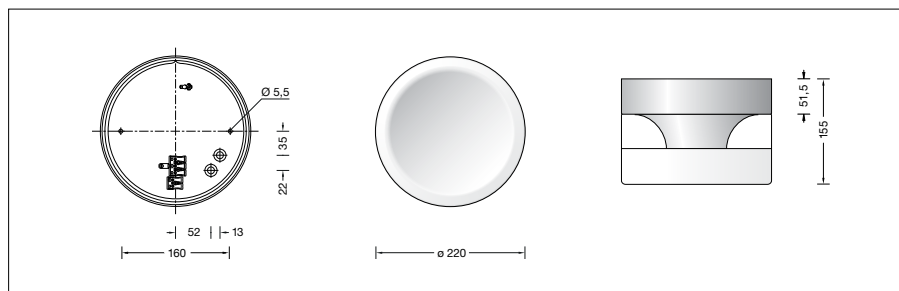
Module connected wattage	25 W
Luminaire connected wattage	29.5 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 35$ °C

### 50 062.2 K3

Module designation	LED-0495/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	3575 lm
Luminaire luminous flux	2236 lm
Luminaire luminous efficiency	75,8 lm/W

### 50 062.2 K4

Module designation	LED-0495/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	3680 lm
Luminaire luminous flux	2301 lm
Luminaire luminous efficiency	78 lm/W



### Service life of the LED

Ambient temperature  $t_a = 25$  °C  
 – at 260,000h: L70B50  
 max. ambient temperature  $t_a = 35$  °C  
 – at 210,000h: 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).

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

### Optional finishes

- White enamel code number **.1**
- Stainless steel code number **.2**
- Polished aluminium code number **.3**