

**BEGA****50 521.1**

Ceiling luminaire for indoor use



Project · Reference number



Date

## Product data sheet

### Application

LED ceiling luminaire · indoor luminaire with direct and indirect light distribution.

### Product description

Luminaire housing made of cast aluminium, velvet white enamel finish  
 Hand-blown opal glass, satin matt, with screw neck  
 Reflector made of pure anodised aluminium  
 2 mounting holes  $\varnothing$  4.5 mm  
 Distance apart 153 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: 2.9 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 17 W  
 Luminaire connected wattage 20 W  
 Rated temperature  $t_a = 25$  °C  
 Ambient temperature  $t_{a \max} = 45$  °C

### 50 521.1 K3

Module designation LED-0785/930  
 Colour temperature 3000 K  
 Colour rendering index CRI > 90  
 Module luminous flux 2655 lm  
 Luminaire luminous flux 1838 lm  
 Luminaire luminous efficiency 91,9 lm/W

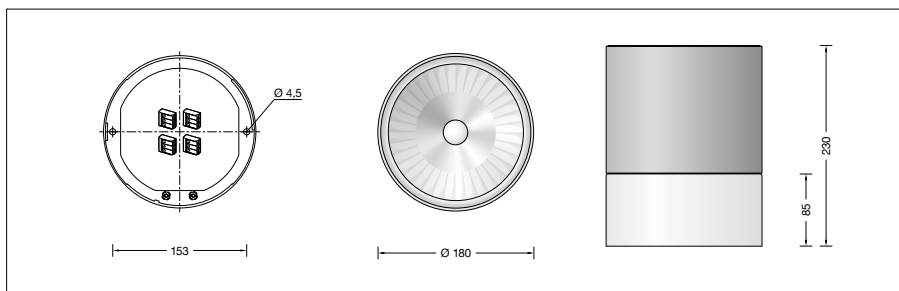
### 50 521.1 K4

Module designation LED-0785/940  
 Colour temperature 4000 K  
 Colour rendering index CRI > 90  
 Module luminous flux 2695 lm  
 Luminaire luminous flux 1865 lm  
 Luminaire luminous efficiency 93,2 lm/W

### Service life of the LED

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

max. ambient temperature  $t_a = 45$  °C  
 – at 300,000h: L70B50



### Light technique

Direct and indirect light distribution.  
 Half beam angle 50°  
 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**

### Finish options

- Enamel, velvet white Code number **.1**
- Stainless steel Code number **.2**
- Enamel, velvet black Code number **.5**