

**BEGA****50 187.1**

LED compact surface washer with in-trac adapter for indoor use

Project · Reference number

Date

## Product data sheet

**Application**

Ceiling mounted LED compact surface washer  
· indoor luminaire with in-Trac adapter for  
Eutrac 3-phase busbar systems.  
Optical system of the washer swivel-mounted  
and rotatable.

**Product description**

LED compact surface washers with in-trac  
adapter  
Luminaire housing made of cast aluminium,  
white enamel finish  
3-phase in-trac adapter made of polycarbonate  
with 360° turning stop made of die-cast zinc  
Safety glass with optical structure  
Silicone gasket  
Reflector surface made of pure aluminium  
LED power supply unit  
220-240 V ~ 50-60 Hz  
DALI controllable  
A basic isolation exists between power cable  
and control line  
Safety class I  
CE – Conformity mark  
Weight: 1.4 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**

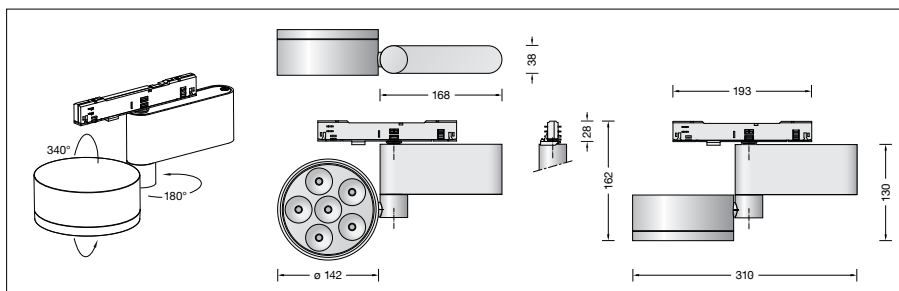
Module connected wattage 11.5 W  
Luminaire connected wattage 14 W  
Rated temperature  $t_a = 25$  °C  
Ambient temperature  $t_{a,max} = 40$  °C

**50 187.1 K3**

Module designation LED-0833/930  
Colour temperature 3000 K  
Colour rendering index CRI > 90  
Module luminous flux 1500 lm  
Luminaire luminous flux 810 lm  
Luminaire luminous efficiency 57,9 lm/W

**50 187.1 K4**

Module designation LED-0833/940  
Colour temperature 4000 K  
Colour rendering index CRI > 90  
Module luminous flux 1650 lm  
Luminaire luminous flux 891 lm  
Luminaire luminous efficiency 63,6 lm/W

**Service life of the LED**

Ambient temperature  $t_a = 25$  °C  
– at 250,000h: L70 B50  
max. ambient temperature  $t_a = 40$  °C  
– at 190,000h: L70 B50

**Light technique**

Compact surface washer with adjustable  
optical system.  
Optical system 0-340° swivel-mounted  
and  $\pm 180$ ° infinitely rotatable.  
Narrow beam rotationally symmetrical light  
distribution. Half beam angle 22°  
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).

**Article No. 50 187.1**

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

**Accessories**

**10047** Exchangeable lens wide beam  
**10016** Exchangeable lens flat beam

For the accessories a separate instructions  
for use can be provided upon request.