

BEGA**50 186.1**

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: 1.1 kg

Inrush current

Inrush current: 5 A / 50 μ 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

Compact surface washer with adjustable
optical system.
Optical system 0-340° swivel-mounted
and $\pm 180^\circ$ infinitely rotatable.
Narrow beam rotationally symmetrical light
distribution. Half beam angle 24°
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.

Lamp

Module connected wattage	5.7 W
Luminaire connected wattage	7.5 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 45^\circ\text{C}$

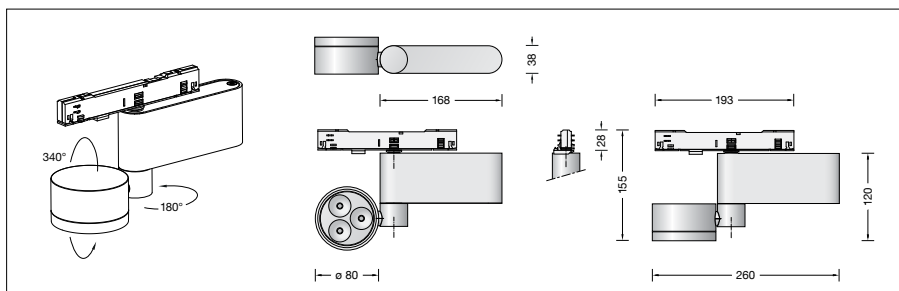
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Module designation	LED-0438/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	750 lm
Luminaire luminous flux*	454 lm
Luminaire luminous efficiency*	60,5 lm/W

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Module designation	LED-0438/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	825 lm
Luminaire luminous flux*	500 lm
Luminaire luminous efficiency*	66,7 lm/W

* preliminary data

**Service life · Ambient temperature**

Rated temperature $t_a = 25^\circ\text{C}$	
LED psu:	> 50,000 h
LED module:	> 200,000 h (L80 B50) 50,000 h (L90 B50)

Ambient temperature $t_{a\text{max}} = 45^\circ\text{C}$ (100 %)	
LED psu:	50,000 h
LED module:	> 200,000 h (L80 B50) 50,000 h (L90 B50)

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

Accessories

10 043 Exchangeable lens wide beam
10 014 Exchangeable lens flat beam

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