

BEGA**84 098**

Surface washer



Project · Reference number

Date

Product data sheet

Application

LED wall mounted surface floodlight with asymmetrical light distribution for lighting wall-, ceiling- and ground surfaces.
The luminaire can be installed in any burning position.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
BEGA Unidure® coating technology
Safety glass
Reflector surface made of pure aluminium
Swivel range $-30^{\circ}/+120^{\circ}$
Mounting plate with 2 fixing holes $\varnothing 5.5 \text{ mm} \cdot 70 \text{ mm}$ spacing
2 cable entries for through-wiring of mains supply cable $\varnothing 7\text{-}10.5 \text{ mm}$, max. 5G1.5[□]
Connecting terminal 2.5[□] with plug connection
Earth conductor connection
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-276 V
DALI controllable
A basic isolation exists between power cable and control line
BEGA Thermal Control®
Temporary thermal regulation to protect temperature-sensitive components without switching off the luminaire
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK08
Protection against mechanical impacts < 5 joule
 – Safety mark
 – Conformity mark
Wind catching area: 0.072 m²
Weight: 3.2 kg

Lamp

Module connected wattage	19.4 W
Luminaire connected wattage	22.2 W
Rated temperature	$t_a = 25^{\circ}\text{C}$
Ambient temperature	$t_{a \text{ max}} = 50^{\circ}\text{C}$

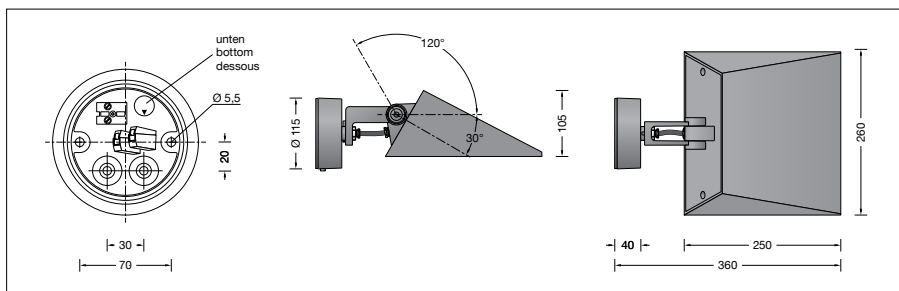
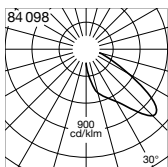
84 098 K4

Module designation	LED-0872/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	3310 lm
Luminaire luminous flux	2661 lm
Luminaire luminous efficiency	119,9 lm/W

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Module designation	LED-0872/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	3130 lm
Luminaire luminous flux	2516 lm
Luminaire luminous efficiency	113,3 lm/W

Light distribution



Service life · Ambient temperature

Rated temperature $t_a = 25^{\circ}\text{C}$	
LED psu:	> 50,000 h
LED module:	> 200,000 h (L80B50)
	100,000 h (L90B50)

Ambient temperature $t_{a \text{ max}} = 50^{\circ}\text{C}$ (100 %)	
LED psu:	50,000 h
LED module:	91,000 h (L80B50)
	100,000 h (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.

Inrush current

Inrush current: 12 A / 24.2 μs
Maximum number of luminaires of this type per miniature circuit breaker:
B 10A: 50 luminaires
B 16A: 50 luminaires
C 10A: 50 luminaires
C 16A: 50 luminaires

Article No. 84 098

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

Colour graphite or silver
graphite – article number
silver – article number + **A**

Accessory

10 409 Corner block
Corner block for installation of wall lights on a house corner.

A separate instructions for use can be provided upon request.