

BEGA**33 294**

Recessed wall luminaire



Project · Reference number

Date

Product data sheet

Application

LED wall luminaire with unshielded light for flush or surface mounted installation. With low light output for orientating lighting tasks.

Product description

LED recessed luminaire without power supply unit
 Luminaire made of cast aluminium, aluminium and stainless steel
 Safety glass, white
 Silicone gasket
 Required recessed opening 70 x 70 mm
 Recessed depth 80 mm
 Fixing is achieved by using two adjustable wedge-shaped claws
 1 cable entry
 for connecting cable max. \varnothing 10,5 mm
 Connecting terminals 2.5²
 Safety class III III
 Protection class IP 65
 Dust-tight and protection against water jets 10 – Safety mark
 Impact strength IK05
 Protection against mechanical impacts < 0.7 joule
 CE – Conformity mark
 Weight: 0.25 kg

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.

Accessories

Power supply unit for LED luminaires 24 V DC
 Safety transformer according to
 DIN EN 61558/VDE 0570 part 2-6

70 564	Power supply unit for	0-15 W
70 465	Power supply unit for	0-25 W
70 565	Power supply unit for	0-35 W
70 566	Power supply unit for	0-50 W
70 567	Power supply unit for	0-75 W
70 169	Power supply unit for	0-150 W
		230 V \sim 50-60 Hz

70 114 Power supply unit for 0-42 W
 AC range: AC: 110-264 V \sim 50-60 Hz
 DC range: DC: 170-280 V

The power supply units are also suitable for the operation of several LED luminaires. In this case, the maximum wattage of the power supply unit must not be exceeded.

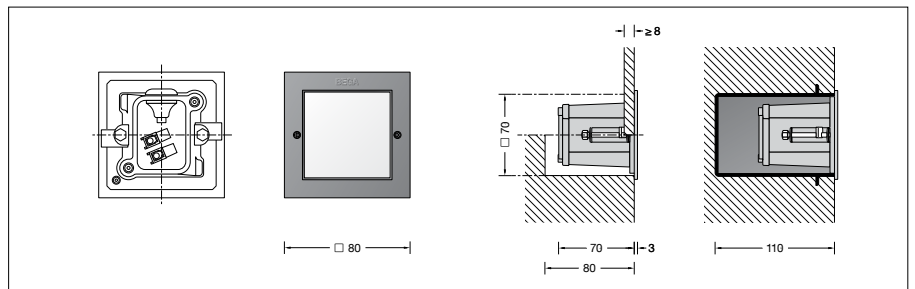
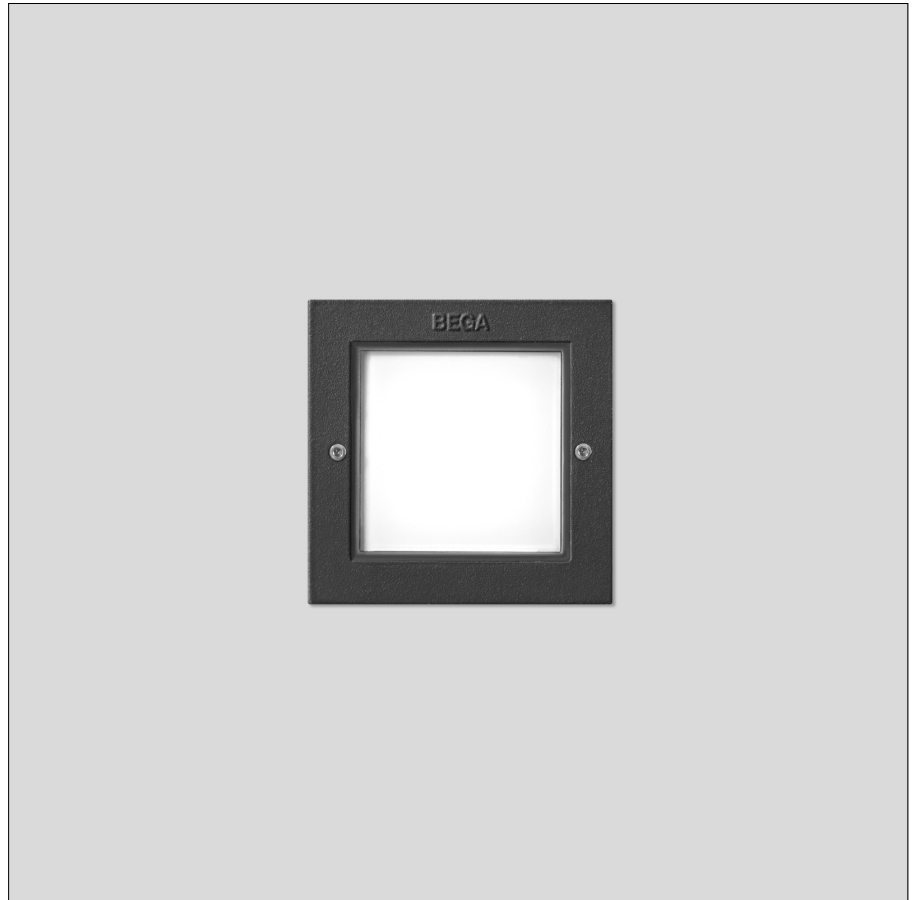
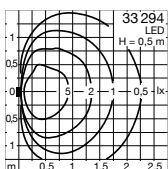
10 406 Installation housing

10 006 Plaster frame

10 070 Plaster frame flush

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

Light distribution



Lamp

Module connected wattage	2 W
Luminaire connected wattage	2.3 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a, \text{max}} = 65^\circ\text{C}$
When installed in heat-insulating material	$t_{a, \text{max}} = 55^\circ\text{C}$
Voltage	24 V = DC

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Module designation	LED-0312/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	250 lm
Luminaire luminous flux	59 lm
Luminaire luminous efficiency	25,7 lm/W

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Module designation	LED-0312/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	260 lm
Luminaire luminous flux	61 lm
Luminaire luminous efficiency	26,5 lm/W

Service life · Ambient temperature

Rated temperature $t_a = 25^\circ\text{C}$	
LED psu:	> 50,000 h
LED module:	> 200,000 h (L 80 B 50)
	100,000 h (L 90 B 50)

Ambient temperature $t_{a, \text{max}} = 65^\circ\text{C}$ (100 %)	
LED psu:	50,000 h
LED module:	37,000 h (L 80 B 50)
	57,000 h (L 70 B 50)

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

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