

BEGA**33 308**

Recessed wall luminaire



Project · Reference number

Date

Product data sheet

Application

Unshielded LED recessed wall luminaire made of stainless steel.

A luminaire with orientating, leading and demarcating function.

The fixing system of the luminaire allows an easy installation in enclosed or hollow constructions without additional fixing holes. For the installation in walls made of concrete or brick work a suitable installation housing is available.

Product description

Luminaire made of stainless steel

Steel grade no. 1.4301

Safety glass, white

Silicone gasket

Recessed opening \varnothing 130 mm

Recessed depth required 125 mm

Fixing is achieved by using two adjustable wedge-shaped claws

1 cable entry for mains supply cable

up to \varnothing 10,5 mm max. $3 \times 1,5^{\square}$

Connection terminal 2.5^{\square}

Earth conductor connection

LED power supply unit

220-240 V \sim 0/50-60 Hz

DC 176-264 V

Safety class I

Protection class IP 65

Dust-tight and protection against water jets

Impact strength IK10

Protection against mechanical

impacts < 20 joule

– Safety mark

– Conformity mark

Weight: 1.0 kg

Lamp

Module connected wattage 2.1 W

Luminaire connected wattage 2.7 W

Rated temperature $t_a = 25^{\circ}\text{C}$

Ambient temperature $t_{a\text{max}} = 50^{\circ}\text{C}$

When installed in heat-insulating material $t_{a\text{max}} = 40^{\circ}\text{C}$

33 308 K3

Module designation LED-0305/830

Colour temperature 3000 K

Colour rendering index CRI > 80

Module luminous flux 285 lm

Luminaire luminous flux 66 lm

Luminaire luminous efficiency 24,4 lm/W

33 308 K4

Module designation LED-0305/840

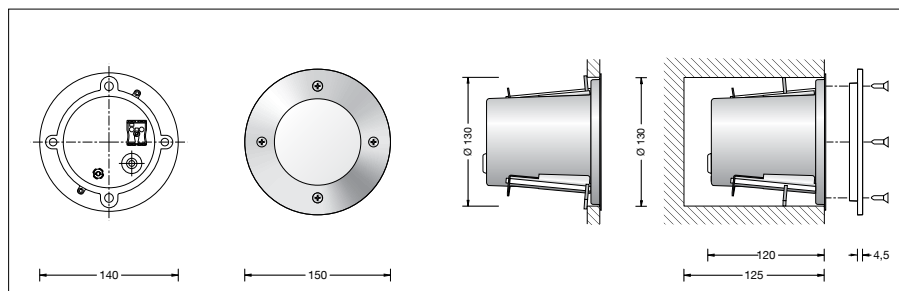
Colour temperature 4000 K

Colour rendering index CRI > 80

Module flux 285 lm

Luminaire luminous flux 66 lm

Luminaire luminous efficiency 24,4 lm/W



Service life · Ambient temperature

Ambient 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 $t_a = 50^{\circ}\text{C}$

LED psu: 50,000 h

LED module: 89,000 h (L 80 B 50)

100,000 h (L 70 B 50)

Inrush current

Inrush current: 6 A / 102 μs

Maximum number of luminaires of this

type per miniature circuit breaker:

B 10A: 60 luminaires

B 16A: 96 luminaires

C 10A: 100 luminaires

C 16A: 161 luminaires

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.

Article No. 33 308

LED colour temperature optionally 3000 K or 4000 K

3000 K – Article number + **K3**

4000 K – Article number + **K4**

Accessories

10 428 Installation housing

A separate instructions for use can be provided upon request.

Light distribution

