

BEGA**33 020**

Recessed wall luminaire



Project · Reference number

Date

Product data sheet

Application

Wall luminaire made of stainless steel with asymmetrical light distribution for lighting surfaces from a low mounting height.

Product description

Luminaire made of stainless steel
 Steel grade no. 1.4301
 Safety glass with optical structure
 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 IK08
 Protection against mechanical impacts < 5 joule
 – Safety mark
 – Conformity mark
 Weight: 1.0 kg

Inrush current

Inrush current: 7 A / 112 μ s
 Maximum number of luminaires of this type per miniature circuit breaker:
 B 10 A: 38 luminaires
 B 16 A: 61 luminaires
 C 10 A: 64 luminaires
 C 16 A: 102 luminaires

Lamp

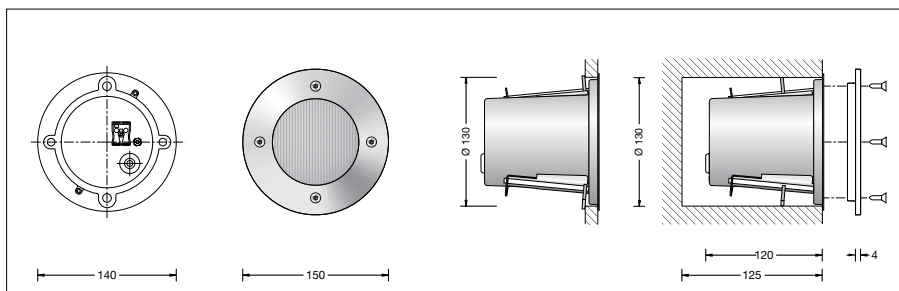
Module connected wattage 3 W
 Luminaire connected wattage 4.1 W
 Rated temperature $t_a = 25^{\circ}\text{C}$
 Ambient temperature $t_{a \max} = 50^{\circ}\text{C}$
 When installed in heat-insulating material $t_{a \max} = 40^{\circ}\text{C}$

33 020 K3

Module designation LED-0291/830
 Colour temperature 3000 K
 Colour rendering index CRI > 80
 Module luminous flux 525 lm
 Luminaire luminous flux 299 lm
 Luminaire luminous efficiency 72,9 lm/W

33 020 K4

Module designation LED-0291/840
 Colour temperature 4000 K
 Colour rendering index CRI > 80
 Module luminous flux 535 lm
 Luminaire luminous flux 305 lm
 Luminaire luminous efficiency 74,4 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: 92,000 h (L 80 B 50)
 100,000 h (L 70 B 50)

Article No. 33 020

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 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.

Light distribution

