

BEGA**33 142**

Recessed luminaire



Project · Reference number

Date

Product data sheet

Application

LED luminaire with directed light for recessed installation in walls or in step risers. Installation possible in horizontal or vertical burning position.

Product description

Luminaire made of stainless steel
 Steel grade no. 1.4301
 Safety glass with optical structure
 Silicone gasket
 Required recessed opening 306 x 60 mm
 Recessed depth 90 mm
 Fixing is achieved by using two adjustable wedge-shaped claws
 Connecting cable H05RN-F 3 x 1[□]
 Cable length 0,2 m
 Enclosed line connector for through-wiring of mains supply cable \varnothing 6,5 - 12 mm max. 3 x 4[□]
 Cable length 0,2 m
 LED power supply unit
 220-240 V \sim 0/50-60 Hz
 Safety class I
 Protection class IP 65
 Dust-tight and protection against water jets
 Impact strength IK09
 Protection against mechanical impacts < 10 joule
 – Safety mark
 – Conformity mark
 Weight: 1.1 kg

Inrush current

Inrush current: 20 A / 170 μ s
 Maximum number of luminaires of this type per miniature circuit breaker:
 B 10A: 31 luminaires
 B 16A: 50 luminaires
 C 10A: 52 luminaires
 C 16A: 85 luminaires

Lamp

Module connected wattage	5.8 W
Luminaire connected wattage	7.8 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 30^\circ\text{C}$

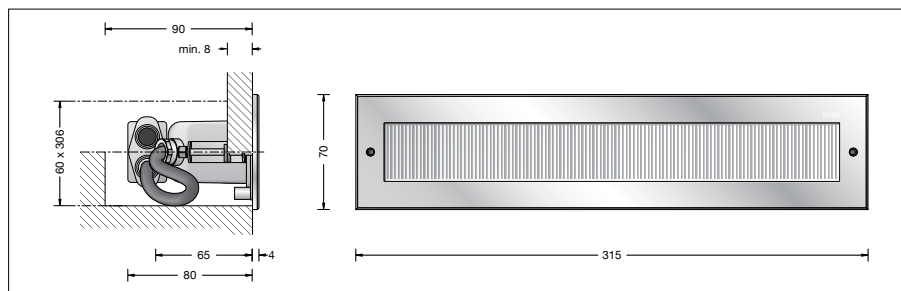
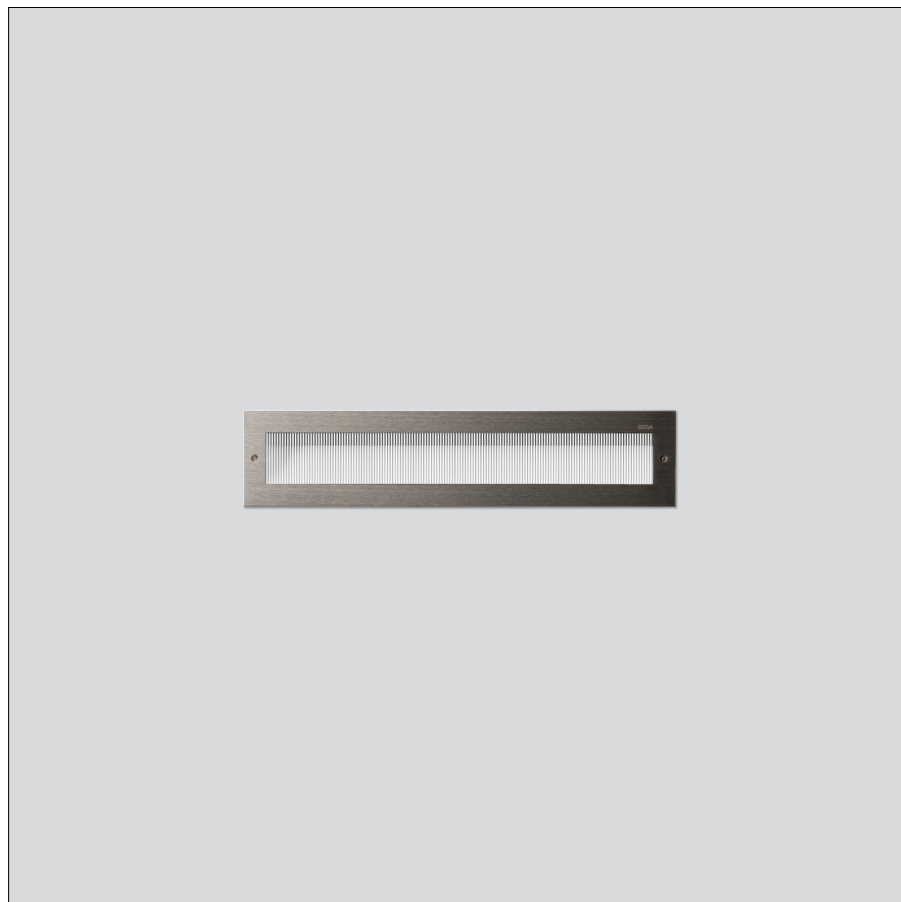
On request we can offer you modifications for environments with higher temperatures as a customized product.

33 142 K3

Module designation	LED-0393/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1090 lm
Luminaire luminous flux	690 lm
Luminaire luminous efficiency	88,5 lm/W

33 142 K4

Module designation	LED-0393/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	1115 lm
Luminaire luminous flux	705 lm
Luminaire luminous efficiency	90,4 lm/W



Lifetime of the LED

Ambient temperature $t_a = 15^\circ\text{C}$
 – at 50,000h: L90B10
 – at > 500,000h: L70B50

Ambient temperature $t_a = 25^\circ\text{C}$
 – at 50,000h: L90B10
 – at > 500,000h: L70B50

max. ambient temperature $t_a = 30^\circ\text{C}$
 – at 50,000h: L90B10
 – at 310,000h: 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.

Article No. 33 142

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

Accessories

10 426 Installation housing

A separate instructions for use can be provided upon request.

Light distribution

