

**BEGA****33 021**

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  $\varnothing$  180 mm  
 Recessed depth required 125 mm  
 Fixing is achieved by using two adjustable wedge-shaped claws  
 2 cable entries with compression nipples for through-wiring of the mains supply cable up to  $\varnothing$  10 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 176-280 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: 2.0 kg

### Lamp

Module connected wattage	5.8 W
Luminaire connected wattage	7.7 W
Rated temperature	$t_a = 25^{\circ}\text{C}$
Ambient temperature	$t_{a\text{max}} = 40^{\circ}\text{C}$
When installed in heat-insulating material	$t_{a\text{max}} = 30^{\circ}\text{C}$

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

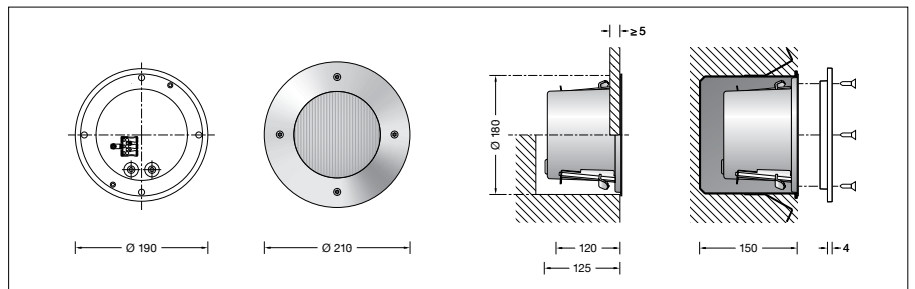
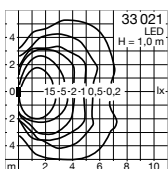
### 33 021 K3

Module designation	LED-0297/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1125 lm
Luminaire luminous flux	599 lm
Luminaire luminous efficiency	77,8 lm/W

### 33 021 K4

Module designation	LED-0297/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	1160 lm
Luminaire luminous flux	618 lm
Luminaire luminous efficiency	80,3 lm/W

### Light distribution



### Service life · Ambient temperature

Ambient temperature  $t_a = 25^{\circ}\text{C}$   
 LED psu: > 50,000 h  
 LED module: > 200,000 h (L80 B50)  
 100,000 h (L90 B50)

Ambient temperature  $t_a = 40^{\circ}\text{C}$   
 LED psu: 50,000 h  
 LED module: 129,000 h (L80 B50)  
 100,000 h (L80 B50)

### 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](http://www.bega.com).

### Inrush current

Inrush current: 20 A / 80  $\mu\text{s}$   
 Maximum number of luminaires of this type per miniature circuit breaker:  
 B 10A: 35 luminaires  
 B 16A: 56 luminaires  
 C 10A: 58 luminaires  
 C 16A: 94 luminaires

### Article No. 33 021

LED colour temperature optionally 3000K or 4000K

3000 K – Article number + **K3**  
 4000 K – Article number + **K4**

### Accessories

**10 429** Installation housing

A separate instructions for use can be provided upon request.