

**BEGA****33 098**

Recessed luminaire



Project · Reference number

Date

## Product data sheet

### Application

LED luminaire with asymmetrical flat beam light distribution for installation in walls.  
The used LED technique offers durability and optimal light output with low power consumption at the same time.

### Product description

Luminaire made of aluminium alloy, aluminium and stainless steel  
Safety glass with optical structure  
Silicone gasket  
Reflector made of pure anodised aluminium  
Fixing is achieved by using two adjustable wedge-shaped claws  
Required recessed opening 505 x 110 mm  
Recessed depth 90 mm  
2 cable entries for through-wiring of mains supply cable  $\varnothing$  7-10,5 mm, max. 5G 1.5<sup>□</sup>  
Connecting terminal and earth conductor terminal 2.5<sup>□</sup>  
LED power supply unit  
220-240 V  $\sim$  0/50-60 Hz  
DC 170-280 V  
DALI controllable  
A basic isolation exists between power cable and control line  
Safety class I  
Protection class IP 65  
Dust-tight and protection against water jets  
Impact strength IK07  
Protection against mechanical impacts < 2 joule  
 – Safety mark  
 – Conformity mark  
Weight: 2.9 kg

### Lamp

Module connected wattage	20.5 W
Luminaire connected wattage	24 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 25^\circ\text{C}$

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

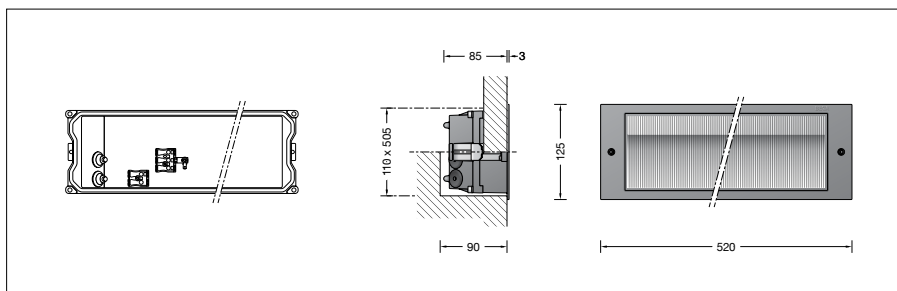
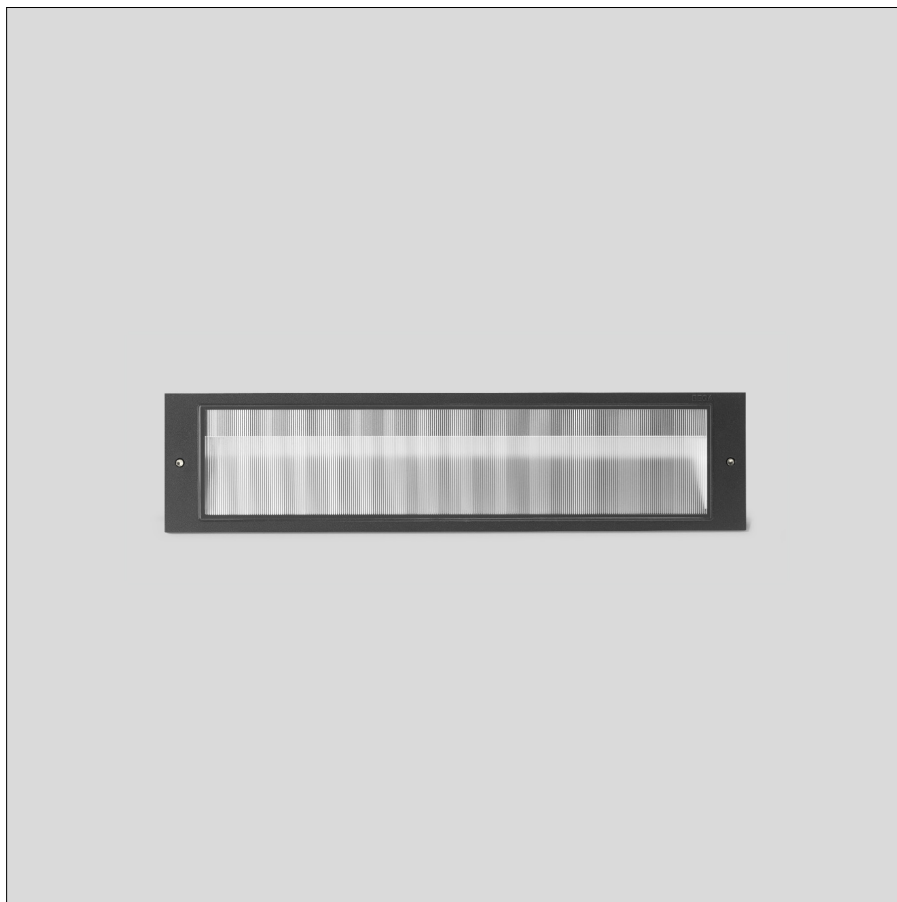
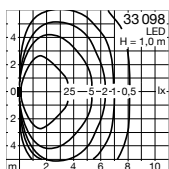
### 33 098 K3

Module designation	LED-0577/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2825 lm
Luminaire luminous flux	1853 lm
Luminaire luminous efficiency	77,2 lm/W

### 33 098 K4

Module designation	LED-0577/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2825 lm
Luminaire luminous flux	1853 lm
Luminaire luminous efficiency	77,2 lm/W

### Light distribution



### Lifetime of the LED

Ambient temperature  $t_a = 15^\circ\text{C}$   
– at 50,000h: L 80 B 10  
– at 241,000h: L 70 B 50

max. ambient temperature  $t_a = 25^\circ\text{C}$   
– at 50,000h: L 70 B 10  
– at 133,000h: L 70 B 50

### Inrush current

Inrush current: 5 A / 50  $\mu\text{s}$   
Maximum number of luminaires of this type per miniature circuit breaker:  
B 10A: 30 luminaires  
B 16A: 50 luminaires  
C 10A: 52 luminaires  
C 16A: 85 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](http://www.bega.com).

### Article No. 33 098

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

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

### Accessories

**10 438** Installation housing  
**13 524** Installation housing for installation in insulated facades (EWIS)

**10 038** Plaster frame  
**13 508** Plaster frame flush

A separate instructions for use can be provided upon request.