

**BEGA****33 059**

Recessed luminaire



Project · Reference number

Date

## Product data sheet

### Application

Luminaire with asymmetrical light distribution for installation in walls.

### Product description

Luminaire made of aluminium alloy, aluminium and stainless steel  
 BEGA Tricoat® coating technology  
 Clear safety glass  
 Silicone gasket  
 Reflector made of pure anodised aluminium  
 Fixing is achieved by using two adjustable wedge-shaped claws  
 Required recessed opening 405 x 110 mm  
 Recessed depth 90 mm  
 2 cable entries for through-wiring of mains supply cable  $\varnothing$  7-10.5 mm, max. 5 G 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 176-264 V  
 DALI controllable  
 A basic isolation exists between power cable and control line  
 BEGA Thermal Control®  
 Temporary thermal regulation to protect temperature-sensitive components without switching off the luminaire  
 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  
 CE – Conformity mark  
 Weight: 2.4 kg

### Lamp

Module connected wattage	16.4 W
Luminaire connected wattage	19 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 40\text{ °C}$
When installed in heat-insulating material	$t_{a\text{ max}} = 30\text{ °C}$

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

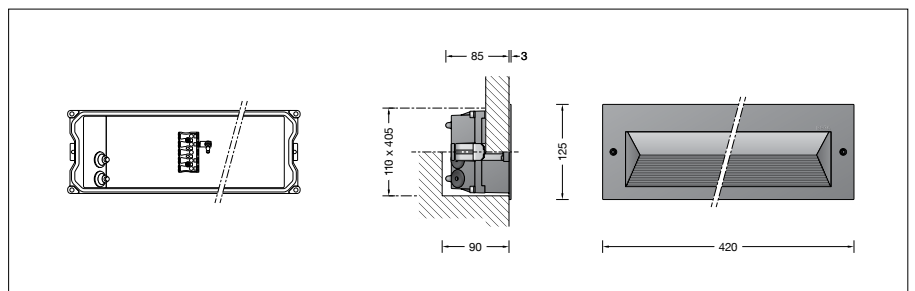
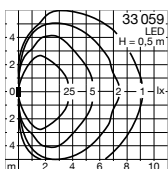
### 33 059 K3

Module designation	LED-0573/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2260 lm
Luminaire luminous flux	1486 lm
Luminaire luminous efficiency	78,2 lm/W

### 33 059 K4

Module designation	LED-0573/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2260 lm
Luminaire luminous flux	1486 lm
Luminaire luminous efficiency	78,2 lm/W

### Light distribution



### Service life · Ambient temperature

Rated temperature  $t_a = 25\text{ °C}$   
 LED psu: > 50,000 h  
 LED module: 74,000 h (L 80 B 50)  
 100,000 h (L 70 B 50)

Ambient temperature  $t_{a\text{ max}} = 40\text{ °C}$  (100 %)  
 LED psu: 50,000 h  
 LED module: 32,000 h (L 80 B 50)  
 50,000 h (L 70 B 50)

### 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: 5 A / 100  $\mu$ s  
 Maximum number of luminaires of this type per miniature circuit breaker:  
 B 10 A: 56 luminaires  
 B 16 A: 90 luminaires  
 C 10 A: 56 luminaires  
 C 16 A: 90 luminaires

### Article No. 33 059

LED colour temperature optionally 3000 K or 4000 K  
 3000 K – Article number + **K3**  
 4000 K – Article number + **K4**

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

### Accessories

**10 437** Installation housing  
**13 523** Installation housing for installation in insulated façades (EWIS)  
**10 037** Plaster frame  
**13 507** Plaster frame flush

A separate instructions for use can be provided upon request.