

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[□]
 Connecting terminal and earth conductor terminal 2.5[□]
 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
 – Conformity mark
 Weight: 2.4 kg

Lamp

Module connected wattage	16.4 W
Luminaire connected wattage	19.5 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.

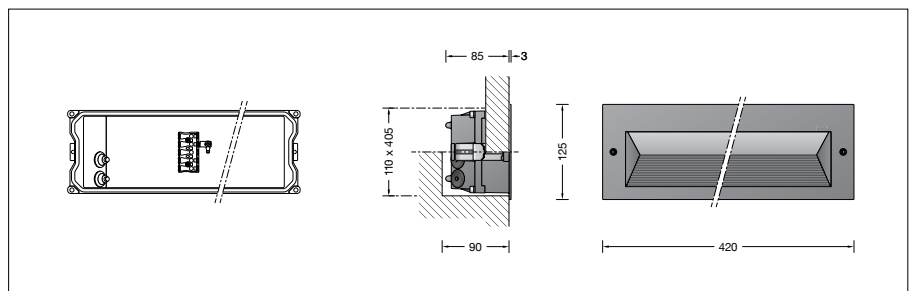
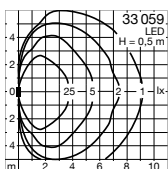
33 059 K3

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	76,2 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	76,2 lm/W

Light distribution



Service life · Ambient temperature

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

Ambient temperature $t_{a\text{max}} = 40^\circ\text{C}$ (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.

Inrush current

Inrush current: 5 A / 100 μs
 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.