

**BEGA****24 102**

Recessed wall luminaire

IP 65

Project · Reference number

Date

**Product data sheet****Application**

Recessed LED wall luminaire with shielded light distribution.

For indicating danger points and traffic areas.  
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, white  
Silicone gasket  
Recessed opening  $\varnothing$  175 mm  
Recessed depth required 110 mm  
Fixing is achieved by using two adjustable wedge-shaped claws  
2 cable entries for through-wiring of mains supply cable  $\varnothing$  7-10,5 mm, max. 3G1.5<sup>□</sup>  
Connecting terminal 2.5<sup>□</sup>  
Earth conductor connection  
LED power supply unit  
220-240 V  $\sim$  0/50-60 Hz  
DC 176-264 V  
Safety class I  
Protection class IP 65  
Dust-tight and protection against water jets  
Impact strength IK08  
Protection against mechanical impacts < 5 joule  
**CE** – Conformity mark  
Weight: 1.5 kg

**Lamp**

Module connected wattage 3.8 W  
Luminaire connected wattage 5.7 W  
Rated temperature  $t_a = 25^\circ\text{C}$   
Ambient temperature  $t_{a\text{max}} = 40^\circ\text{C}$

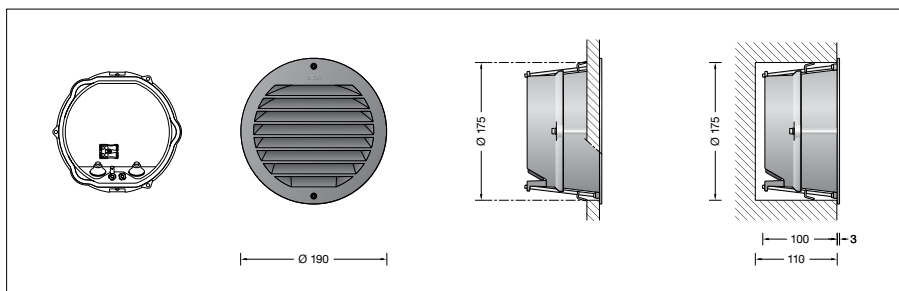
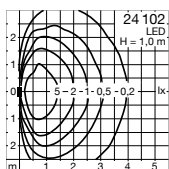
On request we can offer you modifications for environments with higher temperatures as a customized product.

**24 102**

Module designation LED-0634/830  
Colour temperature 3000 K  
Colour rendering index  $R_a > 80$   
Module luminous flux 670 lm  
Luminaire luminous flux 35 lm  
Luminaire luminous efficiency 6,1 lm/W

**24 102 K4**

Module designation LED-0634/840  
Colour temperature 4000 K  
Colour rendering index  $R_a > 80$   
Module luminous flux 700 lm  
Luminaire luminous flux 36 lm  
Luminaire luminous efficiency 6,3 lm/W

**Light distribution****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  $t_a = 40^\circ\text{C}$   
– at 50,000h: L90B10  
– at 360,000h: L70B50

**Inrush current**

Inrush current: 20 A / 170  $\mu\text{s}$   
Maximum number of luminaires of this type per miniature circuit breaker:

B10A: 31 luminaires  
B16A: 50 luminaires  
C10A: 52 luminaires  
C16A: 85 luminaires

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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**

**10 486** Installation housing  
**10 086** Plaster frame

A separate instructions for use can be provided upon request.