

**BEGA****24 103**

Recessed wall luminaire



Project · Reference number

Date

## Product data sheet

### Application

Recessed LED wall luminaire with shielded light distribution.

For indicating danger points and traffic areas.

### Product description

Luminaire made of aluminium alloy, aluminium and stainless steel

Safety glass, white

Recessed opening  $\varnothing$  230 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. 3G 1.5<sup>□</sup>

Connection 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

– Safety mark

**CE** – Conformity mark

Weight: 2.3 kg

### Lamp

Module connected wattage 5.7 W

Luminaire connected wattage 8 W

Rated temperature  $t_a = 25^\circ\text{C}$

Ambient temperature  $t_{a\text{max}} = 35^\circ\text{C}$

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

### 24 103 K3

Module designation LED-0646/830

Colour temperature 3000 K

Colour rendering index CRI > 80

Module luminous flux 1000 lm

Luminaire luminous flux 68 lm

Luminaire luminous efficiency 8,5 lm/W

### 24 103 K4

Module designation LED-0646/840

Colour temperature 4000 K

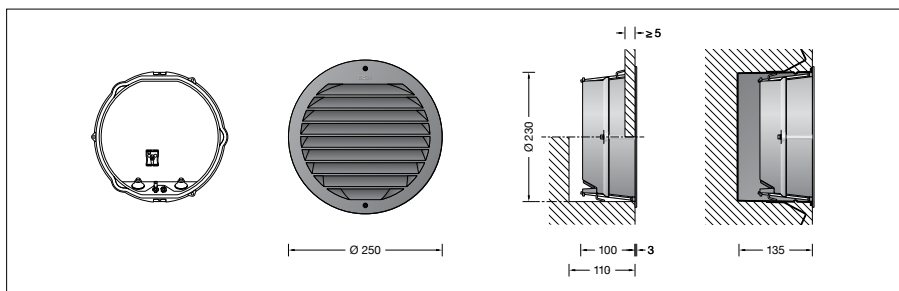
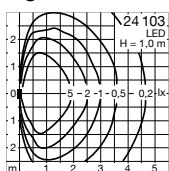
Colour rendering index CRI > 80

Module luminous flux 1050 lm

Luminaire luminous flux 71 lm

Luminaire luminous efficiency 8,9 lm/W

### Light distribution



### Lifetime of the LED

Ambient temperature  $t_a = 25^\circ\text{C}$

– at > 500,000h: L70B50

max. ambient temperature  $t_a = 35^\circ\text{C}$

– at > 500,000h: L70B50

### 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 / 170  $\mu\text{s}$

Maximum number of luminaires of this

type per miniature circuit breaker:

B 10A: 31 luminaires

B 16A: 50 luminaires

C 10A: 52 luminaires

C 16A: 85 luminaires

### Article No. 24 103

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

**10 487** Installation housing

**13 546** Installation housing for installation in insulated facades (EWIS)

**10 087** Plaster frame

**13 528** Plaster frame flush

A separate instructions for use can be provided upon request.