

**BEGA****24 233**

Recessed wall luminaire



Project · Reference number

Date

## Product data sheet

### Application

Recessed LED wall luminaire with shielded light distribution for flush or surface mounted installation.

For indicating danger points and traffic areas.

### Product description

Luminaire made of aluminium alloy, aluminium and stainless steel  
 Safety glass, white  
 Required recessed opening 175 x 175 mm  
 Recessed depth 105 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  
 Connecting terminal and earth conductor terminal 2.5<sup>2</sup>  
 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 IK09  
 Protection against mechanical impacts < 10 joule  
 – Safety mark  
 CE – Conformity mark  
 Weight: 1.7 kg

### Inrush current

Inrush current: 11 A / 112  $\mu$ s  
 Maximum number of luminaires of this type per miniature circuit breaker:  
 B 10 A: 34 luminaires  
 B 16 A: 55 luminaires  
 C 10 A: 57 luminaires  
 C 16 A: 92 luminaires

### Lamp

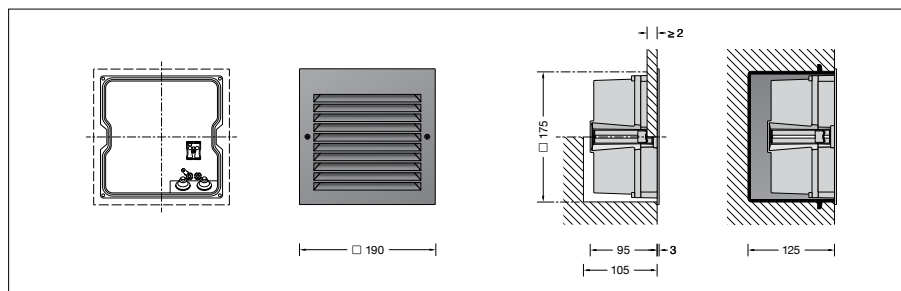
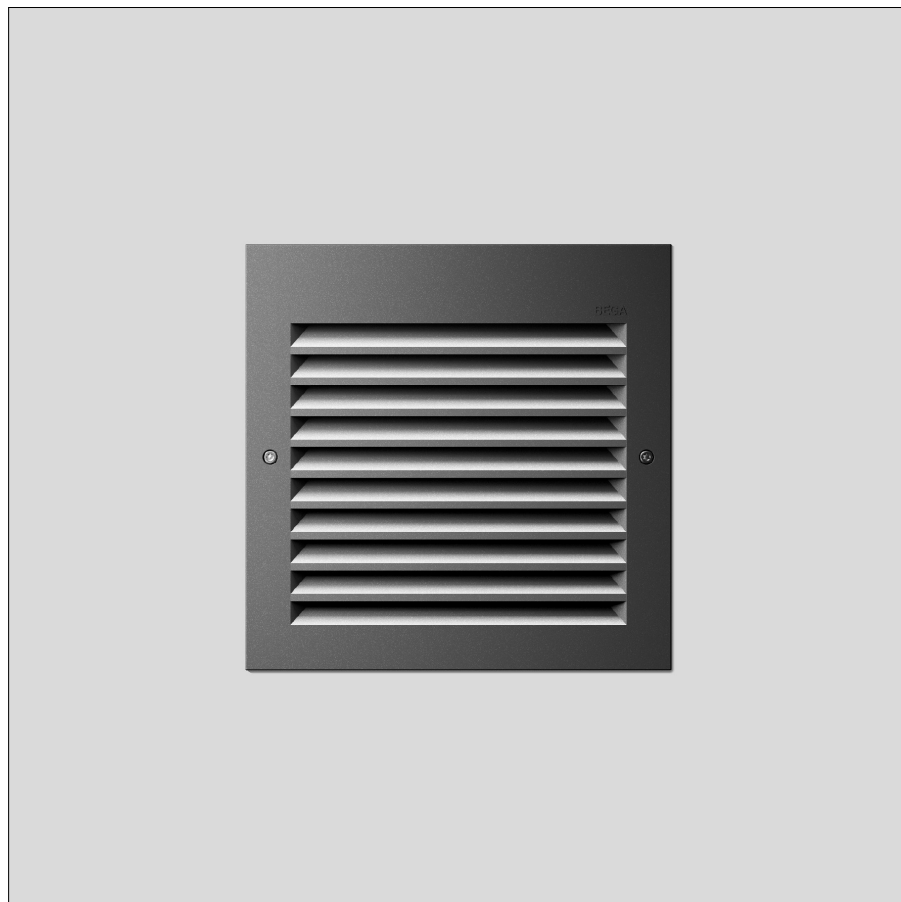
Module connected wattage 5.6 W  
 Luminaire connected wattage 6.7 W  
 Rated temperature  $t_a = 25$  °C  
 Ambient temperature  $t_{a,max} = 55$  °C  
 When installed in heat-insulating material  $t_{a,max} = 45$  °C

### 24 233 K3

Module designation LED-0796/830  
 Colour temperature 3000 K  
 Colour rendering index CRI > 80  
 Module luminous flux 1165 lm  
 Luminaire luminous flux 91 lm  
 Luminaire luminous efficiency 13,6 lm/W

### 24 233 K4

Module designation LED-0796/840  
 Colour temperature 4000 K  
 Colour rendering index CRI > 80  
 Module luminous flux 1195 lm  
 Luminaire luminous flux 94 lm  
 Luminaire luminous efficiency 14 lm/W



### Service life · Ambient temperature

Ambient temperature  $t_a = 25$  °C  
 LED psu: > 50,000 h  
 LED module: > 200,000 h (L 80 B 50)  
 100,000 h (L 90 B 50)

Ambient temperature  $t_a = 55$  °C  
 LED psu: 50,000 h  
 LED module: 117,000 h (L 80 B 50)  
 100,000 h (L 80 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).

### Article No. 24 233

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

**10 489** Installation housing  
**13 541** Installation housing for installation in insulated façades (EWIS)

**10 089** Plaster frame  
**10 073** Plaster frame flush

See the separate instructions for use.

### Light distribution

