

**BEGA****24 204**

Recessed wall luminaire



Project · Reference number

Date

## Product data sheet

### Application

LED recessed wall luminaire with light directed downwards, for flush or surface mounting installation.

Luminaire for the uniform and glare-free illumination of ground surfaces.

### Product description

Luminaire made of aluminium alloy, aluminium and stainless steel  
 Safety glass with optical structure  
 Silicone gasket  
 Required recessed opening 230 x 230 mm  
 Recessed depth 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. 5G1.5<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 176-280 V  
 DALI controllable  
 A basic isolation exists between power cable and control line  
 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: 2.3 kg

### Lamp

Module connected wattage	11.6 W
Luminaire connected wattage	13.5 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 40\text{ °C}$
When installed in heat-insulating material	$t_{a\text{ max}} = 35\text{ °C}$

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

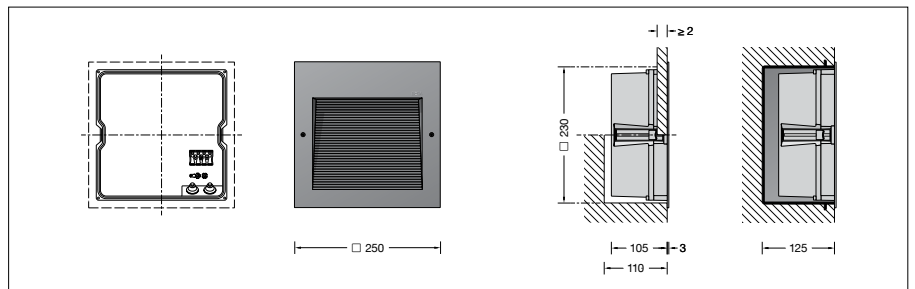
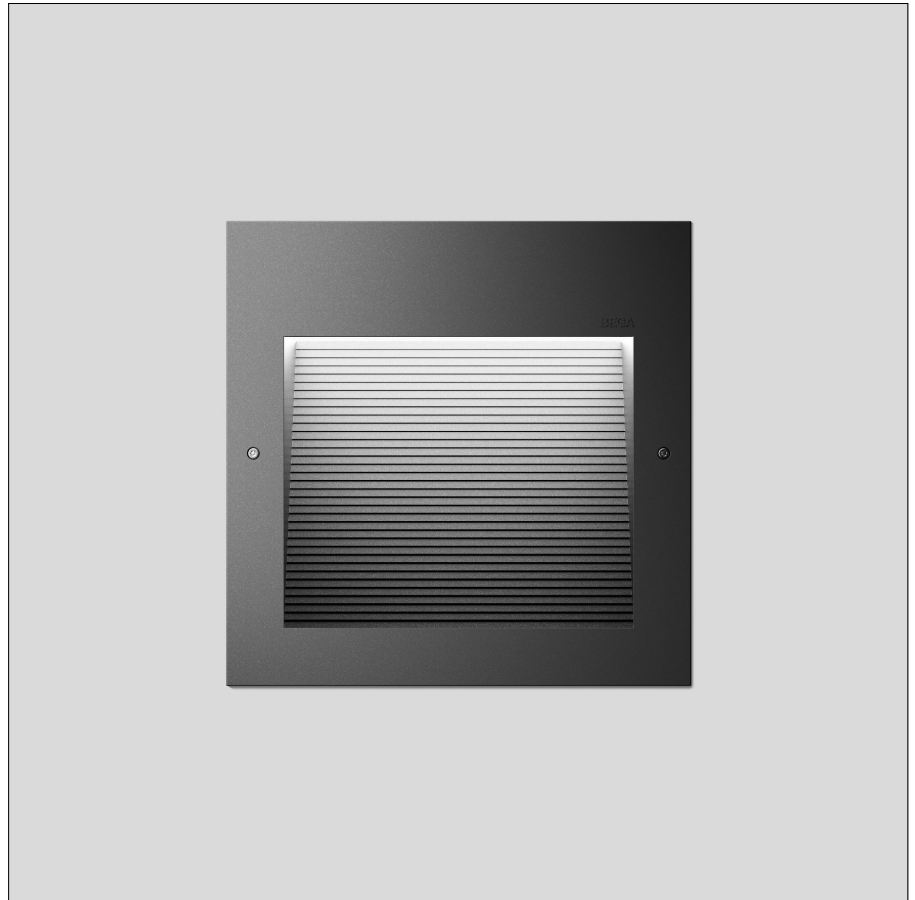
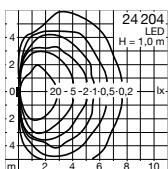
### 24 204 K3

Module designation	LED-0758/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2255 lm
Luminaire luminous flux	1113 lm
Luminaire luminous efficiency	82,4 lm/W

### 24 204 K4

Module designation	LED-0758/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2320 lm
Luminaire luminous flux	1145 lm
Luminaire luminous efficiency	84,8 lm/W

### Light distribution



### Service life · Ambient temperature

Ambient temperature  $t_a = 25\text{ °C}$   
 LED psu: > 50,000 h  
 LED module: > 500,000 h (L 80 B 50)  
 100,000 h (L 90 B 10)

Ambient temperature  $t_a = 40\text{ °C}$   
 LED psu: 50,000 h  
 LED module: 295,000 h (L 80 B 50)  
 100,000 h (L 90 B 10)

### 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 / 50  $\mu$ 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. 24 204

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

**10 490** Installation housing  
**13 542** Installation housing for installation in insulated façades (EWIS)

**10 090** Plaster frame  
**13 529** Plaster frame flush

See the separate instructions for use.