

**BEGA****24 061**

Recessed wall luminaire



Project · Reference number

Date

## Product data sheet

### Application

LED surface washer for illuminating ground surfaces from an extremely low mounting height. Recessed wall luminaire for glare-free spatial illumination with good uniformity.

### Product description

Luminaire made of aluminium alloy, aluminium and stainless steel  
 Safety glass with optical structure  
 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. 5G1.5<sup>□</sup>  
 Connecting terminal and earth conductor terminal 2.5<sup>□</sup>  
 LED power supply unit  
 220-240 V  $\approx$  0/50-60 Hz  
 DC 176-264 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 IK07  
 Protection against mechanical impacts < 2 joule  
 – Safety mark  
 CE – Conformity mark  
 Weight: 2.4 kg

### Lamp

Module connected wattage	18.5 W
Luminaire connected wattage	21.3 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	$t_{a\text{ max}} = 30^\circ\text{C}$

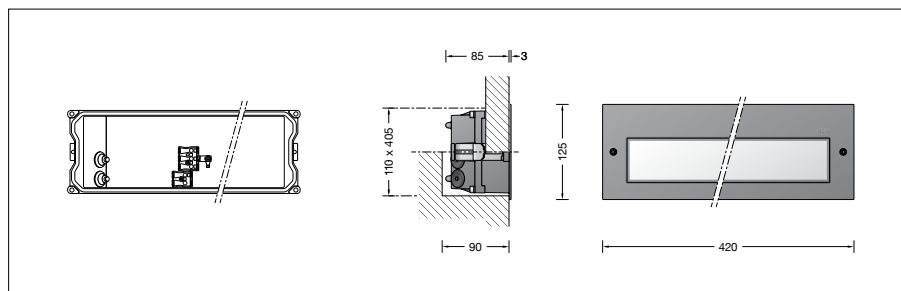
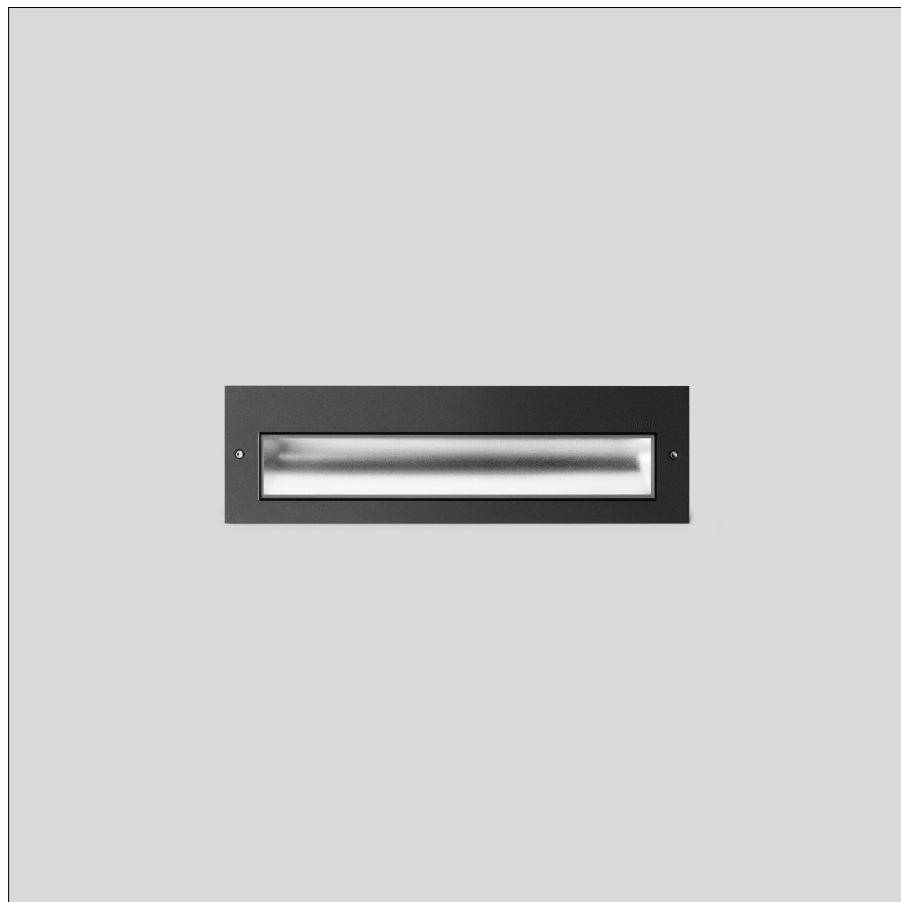
On request we can offer you modifications for environments with higher temperatures as a customized product.

### 24 061 K3

Module designation	LED-0632/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2735 lm
Luminaire luminous flux	1164 lm
Luminaire luminous efficiency	54,6 lm/W

### 24 061 K4

Module designation	LED-0632/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2765 lm
Luminaire luminous flux	1176 lm
Luminaire luminous efficiency	55,2 lm/W



### Service life of the LED

Ambient temperature  $t_a = 25^\circ\text{C}$   
 – at > 200,000h: L70B50

max. ambient temperature  $t_a = 40^\circ\text{C}$   
 – at 200,000h: L70B50

Ambient temperature  $t_{a\text{ max}} = 50^\circ\text{C}$  (95 %)  
 LED psu: 50,000h  
 LED module: 50,000h

BEGA Thermal Control® protects temperature-sensitive luminaire components by temporarily limiting the nominal power at high temperatures.

### 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 / 100  $\mu\text{s}$   
 Maximum number of luminaires of this type per miniature circuit breaker:

B 10 A:	42 luminaires
B 16 A:	68 luminaires
C 10 A:	42 luminaires
C 16 A:	68 luminaires

### Article No. 24 061

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.

### Light distribution

