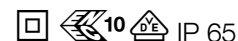


**BEGA****24 805**

Recessed ceiling luminaire



Project · Reference number

Date

## Product data sheet

### Application

LED recessed ceiling luminaire with symmetrical wide beam light distribution. 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 with optical structure  
 Silicone gasket  
 Reflector surface made of pure aluminium  
 Required recessed opening 105 x 105 mm  
 Recessed depth 70 mm  
 Connecting terminals 2.5<sup>□</sup>  
 LED power supply unit in external housing  
 2 cable entries with compression nipples for through-wiring of the mains supply cable up to  $\varnothing$  10,5 mm max. 3 x 1.5<sup>□</sup>  
 220-240 V  $\sphericalangle$  0/50-60 Hz  
 Safety class II   
 Protection class IP 65  
 Dust-tight and protection against water jets  
 – Safety mark  
 Impact strength IK06  
 Protection against mechanical impacts < 1 joule  
 CE – Conformity mark  
 Weight: 0.65 kg

### Inrush current

Inrush current: 27 A / 250  $\mu$ s  
 Maximum number of luminaires of this type per miniature circuit breaker:  
 B10A: 17 luminaires  
 B16A: 27 luminaires  
 C10A: 28 luminaires  
 C16A: 45 luminaires

### Lamp

Module connected wattage	8.4 W
Luminaire connected wattage	10.4 W
Rated temperature	$t_a = 25\text{ }^\circ\text{C}$
Ambient temperature	$t_{a,max} = 35\text{ }^\circ\text{C}$

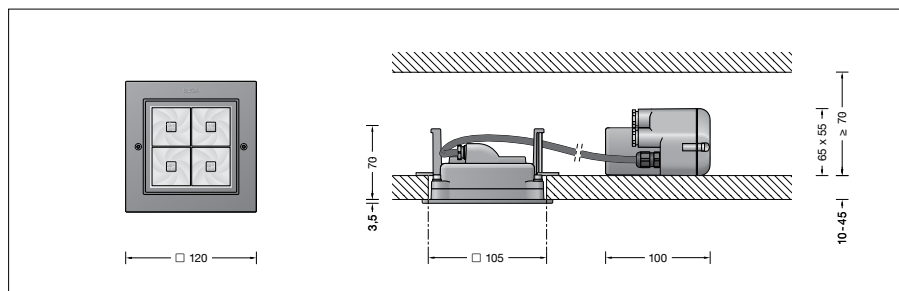
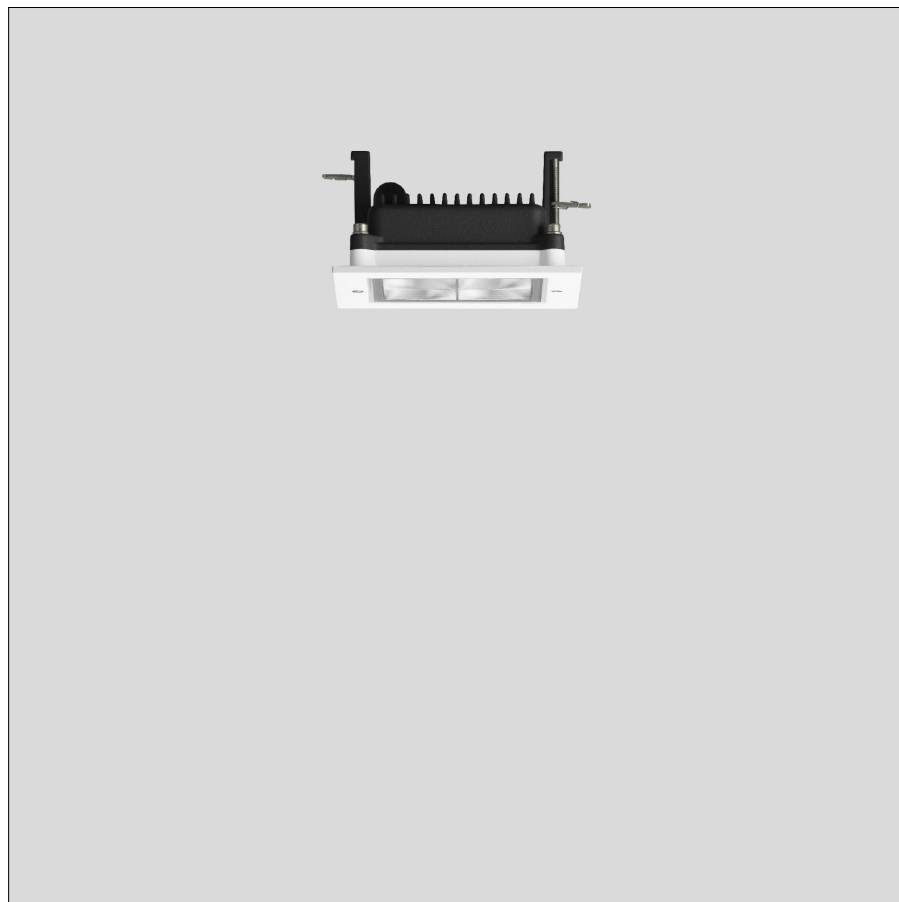
On request we can offer you modifications for environments with higher temperatures as a customized product.

### 24 805 K3

Module designation	LED-0588/830
Colour temperature	3000 K
Colour rendering index	CRI >80
Module luminous flux	1115 lm
Luminaire luminous flux	813 lm
Luminaire luminous efficiency	78,2 lm/W

### 24 805 K4

Module designation	LED-0588/840
Colour temperature	4000 K
Colour rendering index	CRI >80
Module luminous flux	1115 lm
Luminaire luminous flux	813 lm
Luminaire luminous efficiency	78,2 lm/W



### Service life · Ambient temperature

Ambient temperature  $t_a = 25\text{ }^\circ\text{C}$   
 LED power supply unit: > 50.000 h  
 LED module: > 200.000 h (L.80 B 50)  
 100.000 h (L.90 B 50)

Ambient temperature  $t_a = 35\text{ }^\circ\text{C}$   
 LED power supply unit: 50.000 h  
 LED module: 125.000 h (L.80 B 50)  
 100.000 h (L.80 B 50)

### Lighting technology

Half beam angle 40°  
 Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and interior lighting as well as luminaire data in EULUMDAT and IES format are available on our website [www.bega.com](http://www.bega.com).

### Article No. 24 805

LED colour temperature optionally 3000 K or 4000 K  
 3000 K – Article number + **K3**  
 4000 K – Article number + **K4**

Colour white or silver  
 white – article number  
 silver – article number + **A**

### Accessories

**13 500** Installation housing

A separate instructions for use can be provided upon request.

### Light distribution

