

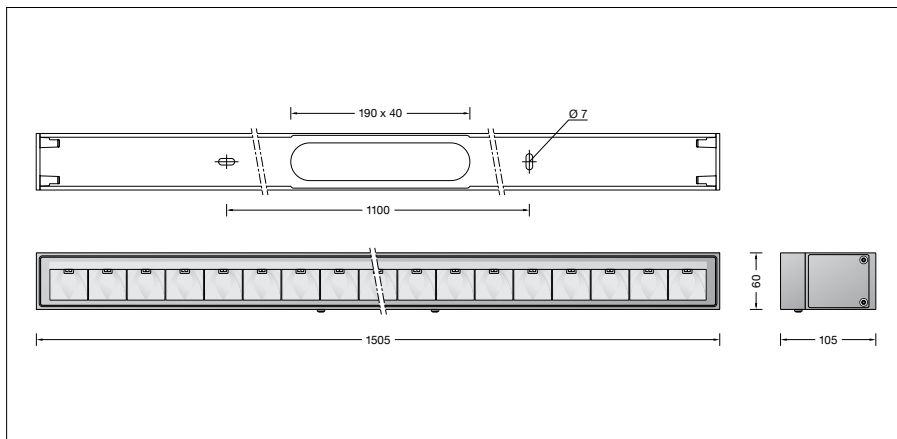
**BEGA****24 317**

Ceiling mounted downlight



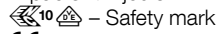
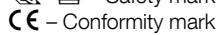
Project · Reference number

Date



## Product data sheet

### Product description

Luminaire made of aluminium alloy, aluminium and stainless steel  
 BEGA Unidure® coating technology  
 Matt safety glass  
 Silicone gasket  
 Reflector surface made of pure aluminium  
 Mounting bar with 2 elongated holes  
 7 mm width, 1100 mm spacing  
 2 screw cable glands with strain relief for through-wiring of the mains supply cable from  $\varnothing$  7,5-12,5 mm, max.  $5 \times 1,5^{\square}$   
 1 screw cable gland closed at the factory with a dummy plug  
 Connecting terminal 2.5 $^{\square}$  with plug connection  
 Earth conductor connection  
 LED power supply unit  
 220-240 V  $\sim$  0/50-60 Hz  
 DC 176-276 V  
 During DC operation the LED power is reduced to 15 %  
 DALI controllable  
 A basic isolation exists between power cable and control line  
 BEGA Thermal Control®  
 Temporary thermal regulation to protect temperature-sensitive components without switching off the luminaire  
 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  
 – Conformity mark  
 Weight: 9.1 kg

### Application

Surface mounted LED downlight with asymmetrical light distribution.  
 By arraying single luminaires in line light bands of different length can be arranged.  
 A luminaire for linear illumination in interior and exterior application.

### Lamp

Module connected wattage 47.4 W  
 Luminaire connected wattage 54.4 W  
 Rated temperature  $t_a = 25^{\circ}\text{C}$   
 Ambient temperature  $t_{a\text{max}} = 50^{\circ}\text{C}$

### 24 317 K3

Module designation LED-0771/830  
 Colour temperature 3000 K  
 Colour rendering index CRI > 80  
 Module luminous flux 8850 lm  
 Luminaire luminous flux 6209 lm  
 Luminaire luminous efficiency 114,1 lm/W

### 24 317 K4

Module designation LED-0771/840  
 Colour temperature 4000 K  
 Colour rendering index CRI > 80  
 Module luminous flux 9090 lm  
 Luminaire luminous flux 6406 lm  
 Luminaire luminous efficiency 117,8 lm/W

### Inrush current

Inrush current: 53 A / 200  $\mu\text{s}$   
 Maximum number of luminaires of this type per miniature circuit breaker:  
 B 10A: 8 luminaires  
 B 16A: 13 luminaires  
 C 10A: 8 luminaires  
 C 16A: 13 luminaires

### Lighting technology

Half beam angle 42/50°  
 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).

### Service life · Ambient temperature

Rated temperature  $t_a = 25^{\circ}\text{C}$   
 LED psu: > 50,000 h  
 LED module: > 200,000 h (L 80 B 50)  
 100,000 h (L 90 B 50)

Ambient temperature  $t_{a\text{max}} = 50^{\circ}\text{C}$  (100 %)  
 LED psu: 50,000 h  
 LED module: 51,000 h (L 80 B 50)  
 78,000 h (L 70 B 50)

### Article No. 24 317

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

### Light distribution

