

**BEGA****24 399**

Ceiling mounted downlight



Project · Reference number

Date

## Product data sheet

### Application

Compact LED downlight with symmetrical narrow beam light distribution.

### Product description

Luminaire made of aluminium alloy, aluminium and stainless steel  
 Matt safety glass  
 Silicone gasket  
 Reflector surface made of pure aluminium  
 Optical silicone lens · BEGA Hybrid Optics®  
 2 mounting holes  $\varnothing$  4.3 mm  
 Distance apart 76 mm  
 1 cable entry for mains supply cable up to  $\varnothing$  10,5 mm max.  $3 \times 1,5$ <sup>□</sup>  
 Connection terminal 2.5<sup>□</sup>  
 Earth conductor connection  
 LED power supply unit  
 220-240 V  $\sim$  0/50-60 Hz  
 DC 176-264 V  
 BEGA Thermal Switch®  
 Temporary thermal shutdown to protect temperature-sensitive components  
 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: 0.75 kg

### Lamp

Module connected wattage	8 W
Luminaire connected wattage	9.2 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 45$ °C

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

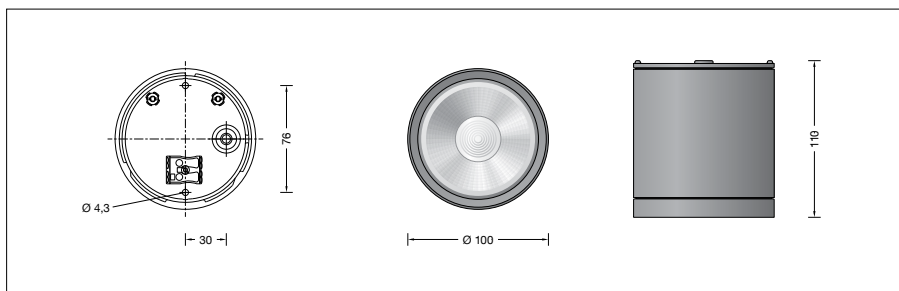
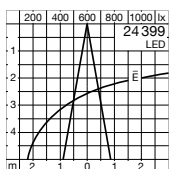
### 24 399 K3

Module designation	LED-1030/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1165 lm
Luminaire luminous flux	917 lm
Luminaire luminous efficiency	99,7 lm/W

### 24 399 K4

Module designation	LED-1030/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	1240 lm
Luminaire luminous flux	976 lm
Luminaire luminous efficiency	106,1 lm/W

### Light distribution



### Service life · Ambient temperature

Rated 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  $t_{a \max} = 45$  °C (100 %)  
 LED psu: 50,000 h  
 LED module: 200,000 h (L 80 B 50)

### Lighting technology

Half beam angle 17°  
 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).

### Inrush current

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

### Article No. 24 399

LED colour temperature optionally 3000K or 4000K  
 3000 K – Article number + **K3**  
 4000 K – Article number + **K4**  
 Colour optionally graphite or white  
 Graphite – Article number  
 White – Article number + **W**