

**BEGA****24 501**

Wall luminaire



Project · Reference number

Date

## Product data sheet

### Application

Wall luminaire with directed light.

### Product description

Luminaire made of aluminium alloy, aluminium and stainless steel  
 BEGA Unidure® coating technology  
 Clear safety glass  
 Silicone gasket  
 Reflector made of pure anodised aluminium  
 2 mounting holes  $\varnothing$  4.5 mm  
 Distance apart 50 mm  
 2 cable entries for through-wiring of mains supply cable  $\varnothing$  7-10.5 mm  
 Connection terminal 2.5<sup>2</sup>  
 Earth conductor connection  
 BEGA Ultimate Driver®  
 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 64  
 Dust-tight and protection against splash water  
 Impact strength IK07  
 Protection against mechanical impacts < 2 joule  
 – Safety mark  
 – Conformity mark  
 Weight: 0.4 kg  
 This product contains light sources of energy efficiency class(es) D, E

### Inrush current

Inrush current: 7.8 A / 112  $\mu$ s  
 Maximum number of luminaires of this type per miniature circuit breaker:  
 B 10A: 38 luminaires  
 B 16A: 61 luminaires  
 C 10A: 64 luminaires  
 C 16A: 102 luminaires

### Lamp

Module connected wattage 4 W  
 Luminaire connected wattage 5.1 W  
 Rated temperature  $t_a = 25$  °C  
 Ambient temperature  $t_{a \max} = 45$  °C

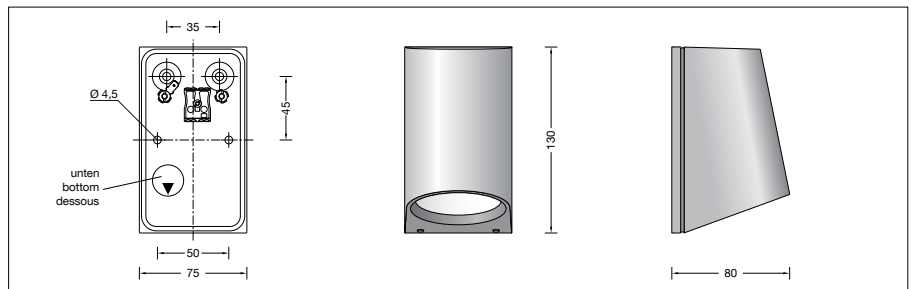
On request we can offer you modifications for environments with higher temperatures as a customized product.

### 24 501 K3

Module designation LED-0734/830  
 Colour temperature 3000 K  
 Colour rendering index CRI > 80  
 Module luminous flux 580 lm  
 Luminaire luminous flux 342 lm  
 Luminaire luminous efficiency 67,1 lm/W

### 24 501 K4

Module designation LED-0734/840  
 Colour temperature 4000 K  
 Colour rendering index CRI > 80  
 Module luminous flux 620 lm  
 Luminaire luminous flux 366 lm  
 Luminaire luminous efficiency 71,8 lm/W



### 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 max.  $t_a = 45$  °C (100 %)  
 LED psu: 50,000 h  
 LED module: 170,000 h (L 80 B 50)

### Lighting technology

Luminaire data for the DIALux lighting design program for outdoor lighting, street lighting and indoor lighting, as well as luminaire data in EULUMDAT and IES format are available on the BEGA website at [www.bega.com](http://www.bega.com).

### Ratio of luminous flux

Luminous flux upper half-space 0,2 %  
 Luminous flux lower half-space 99,8 %

BUG rating according to IES TM-15-07:

1-1-0

CEN Flux Code according to EN 13032-2:  
 80-100-100-100-100

### Article No. 24 501

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**

### Light distribution

