

**BEGA****24 504**

Wall luminaire



Project · Reference number

Date

## Product data sheet

### Application

Unshielded wall luminaire with four sided light output. Luminaire with square layout which because of its elongated shape is especially suitable for installation on columns, wall pillars and wall faces.

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  
 BEGA Unidure® coating technology  
 White synthetic diffuser  
 Silicone gasket  
 2 mounting holes  $\varnothing$  6 mm  
 Distance apart 260 mm  
 Insulating housing with cable entry for mains supply cable up to  $\varnothing$  10.5 mm, max.  $3 \times 1.5^2$   
 LED power supply unit  
 220-240 V  $\sim$  0/50-60 Hz  
 DC 170-280 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 IK06  
 Protection against mechanical impacts < 1 joule  
 – Safety mark  
 – Conformity mark  
 Weight: 3.5 kg  
 This product contains light sources of energy efficiency class(es) C, D

### Lamp

Module connected wattage	8.7 W
Luminaire connected wattage	11.5 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 40^\circ\text{C}$

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

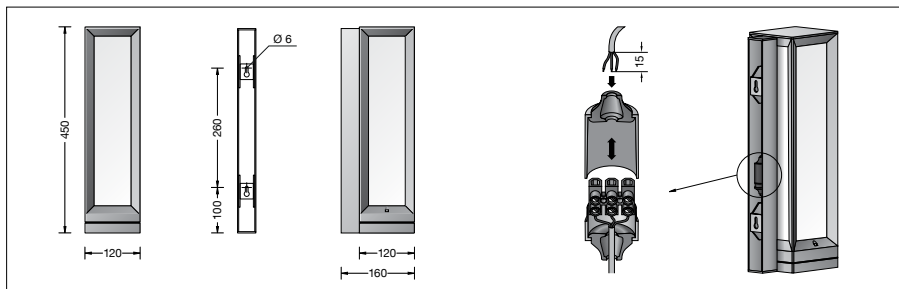
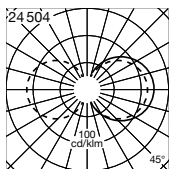
### 24 504 K3

Module designation	3x LED-0613/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1215 lm
Luminaire luminous flux	766 lm
Luminaire luminous efficiency	66,6 lm/W

### 24 504 K4

Module designation	3x LED-0613/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	1335 lm
Luminaire luminous flux	841 lm
Luminaire luminous efficiency	73,1 lm/W

### Light distribution



### Service life · Ambient temperature

Rated temperature  $t_a = 25^\circ\text{C}$   
 LED psu: > 50,000h  
 LED module: 125,000h (L80B50)

Ambient temperature max.  $t_a = 40^\circ\text{C}$  (100 %)  
 LED psu: 50,000h  
 LED module: 110,000h (L80B50)

### 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	50 %
Luminous flux lower half-space	50 %

BUG rating according to IES TM-15-07:  
 0–3–1  
 CEN Flux Code according to EN 13032-2:  
 12–37–67–50–100–13–37–67–50

### Inrush current

Inrush current: 27 A / 250  $\mu\text{s}$   
 Maximum number of luminaires of this type per miniature circuit breaker:  
 B 10 A: 17 luminaires  
 B 16 A: 27 luminaires  
 C 10 A: 28 luminaires  
 C 16 A: 46 luminaires

### Article No. 24 504

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

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