

**BEGA****84 808**

Garden and pathway luminaire



Project · Reference number

Date

## Product data sheet

### Application

Garden and pathway luminaires for glare-free illumination of surfaces from low mounting heights.

### Dark Sky

The light of this luminaire is directed evenly and highly efficiently onto the surface to be illuminated. Less than 1% of the luminaire luminous flux is emitted into the upper half-space of the luminaire.

### Product description

Luminaire made of aluminium alloy,  
aluminium and stainless steel  
BEGA Unidure® coating technology  
Safety glass with optical structure  
Luminaire with anchorage unit for fixing in the soil  
The anchorage unit is made of galvanised steel according to EN ISO 1461  
Connection set with gasket insert and drip-proof cap for through-wiring power connecting cables of  $\varnothing$  10–13,5 mm, max.  $3 \times 2.5^2$   
BEGA Ultimate Driver®  
LED power supply unit  
220-240 V  $\sim$  0/50-60 Hz  
DC 176-264 V  
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: 6.4 kg  
This product contains light sources of energy efficiency class(es) C

### Inrush current

Inrush current: 11.3 A / 112  $\mu$ s  
Maximum number of luminaires of this type per miniature circuit breaker:  
B10A: 34 luminaires  
B16A: 55 luminaires  
C10A: 57 luminaires  
C16A: 92 luminaires

### Lighting technology

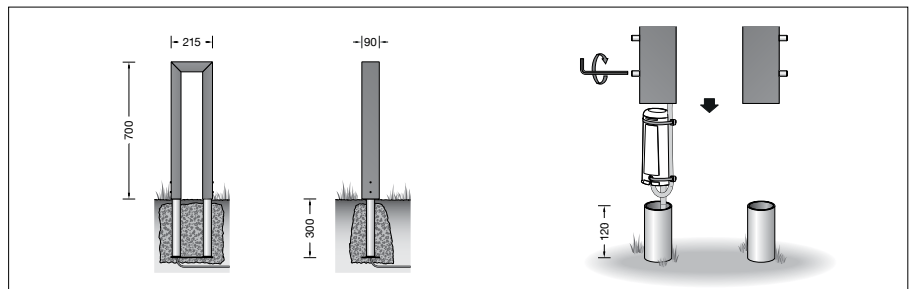
Luminaire data for the DIALux lighting design program for outdoor lighting, street lighting and indoor lighting, as well as luminaire data in EULUMDAT and IES format are available on the BEGA website at [www.bega.com](http://www.bega.com).

### Lamp

|                             |                                      |
|-----------------------------|--------------------------------------|
| Module connected wattage    | 5.8 W                                |
| Luminaire connected wattage | 7 W                                  |
| Rated temperature           | $t_a = 25^\circ\text{C}$             |
| Ambient temperature         | $t_{a\text{max}} = 55^\circ\text{C}$ |

### 84 808 K3

|                               |              |
|-------------------------------|--------------|
| Module designation            | LED-1171/830 |
| Colour temperature            | 3000 K       |
| Colour rendering index        | CRI > 80     |
| Module luminous flux          | 1120 lm      |
| Luminaire luminous flux       | 513 lm       |
| Luminaire luminous efficiency | 73,3 lm/W    |



### Service life · Ambient temperature

|   |                     |
|---|---------------------|
| Rated temperature $t_a = 25^\circ\text{C}$                |                     |
| LED psu:  | > 50,000h           |
| LED module:   | > 200,000h (L80B50) |
|   | 100,000h (L90B50)   |
| Ambient temperature max. $t_a = 55^\circ\text{C}$ (100 %) |                     |
| LED psu:  | 50,000h             |
| LED module:   | 195,000h (L80B50)   |

### Ratio of luminous flux

|                                |        |
|--------------------------------|--------|
| Luminous flux upper half-space | 0,4 %  |
| Luminous flux lower half-space | 99,6 % |

BUG rating according to IES TM-15-07:  
0–1–0

CEN Flux Code according to EN 13032-2:  
53–84–97–100–100

### Article No. 84 808

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