

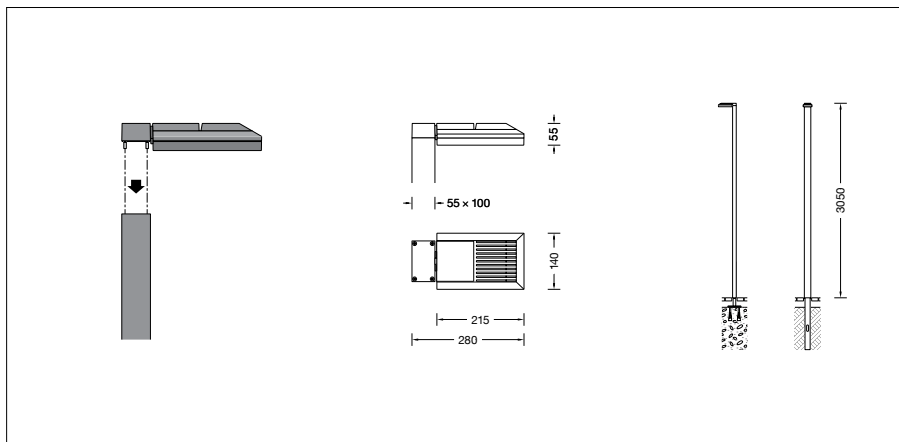
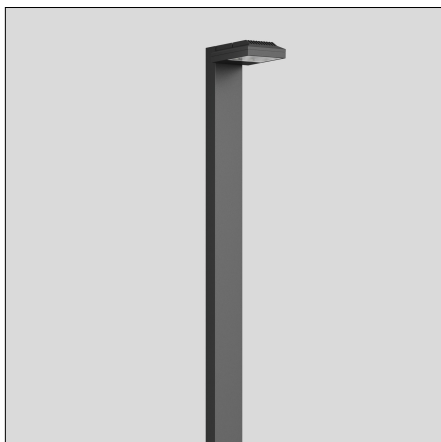
**BEGA****84 477**

Light building element

IP 65

Project · Reference number

Date



## Product data sheet

**Product description**

Luminaire made of aluminium, aluminium alloy and stainless steel  
 BEGA Unidure® coating technology  
 Safety glass with optical structure  
 Silicone gasket  
 Reflector surface made of pure aluminium  
 Fixing of the light building element with anchorage unit **71 192** or mounting base **71 191** for bolting onto a foundation (see accessories)  
 Connecting box with  
 2 cable entries for through-wiring of the mains supply cable up to  $\varnothing$  8-17 mm max.  $5 \times 4$  □  
 1 screw cable gland  
 factory-closed with sealing plug  
 BEGA Ultimate Driver®  
 LED power supply unit  
 220-240 V ~ 0/50-60 Hz  
 DC 176-264 V  
 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  
**CE** – Conformity mark  
 Wind catching area: 0.3 m<sup>2</sup>  
 Weight: 14.0 kg

**Application**

Light building element with asymmetrical light distribution for lighting and designing squares, access roads and entrance areas.

**Lamp**

|                             |                                 |
|-----------------------------|---------------------------------|
| Module connected wattage    | 23.9 W                          |
| Luminaire connected wattage | 26.6 W                          |
| Rated temperature           | $t_a = 25^\circ\text{C}$        |
| Ambient temperature         | $t_{a \max} = 40^\circ\text{C}$ |

**84 477 K3**

|                               |              |
|-------------------------------|--------------|
| Module designation            | LED-1071/830 |
| Colour temperature            | 3000 K       |
| Colour rendering index        | CRI > 80     |
| Module luminous flux          | 4090 lm      |
| Luminaire luminous flux       | 2582 lm      |
| Luminaire luminous efficiency | 97,1 lm/W    |

**84 477 K4**

|                               |              |
|-------------------------------|--------------|
| Module designation            | LED-1071/840 |
| Colour temperature            | 4000 K       |
| Colour rendering index        | CRI > 80     |
| Module luminous flux          | 4320 lm      |
| Luminaire luminous flux       | 2728 lm      |
| Luminaire luminous efficiency | 102,6 lm/W   |

**Light technique**

Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and indoor lighting as well as luminaire data in EULUMDAT- and IES-format you will find on the BEGA web page [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 $t_{a \max} = 40^\circ\text{C}$ (100 %) |                       |
| LED psu:  | 50,000 h              |
| LED module:   | 195,000 h (L 80 B 50) |

|  |                        |
|--|------------------------|
| Ambient temperature $t_{a \max} = 50^\circ\text{C}$ (85 %) |                        |
| LED psu:   | 50,000 h               |
| LED module:  | > 50,000 h (L 70 B 50) |

BEGA Thermal Control® protects temperature-sensitive luminaire components by temporarily limiting the nominal power at high temperatures.

**Article No. 84 477**

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**

**Accessories**

**71 192** Anchorage unit  
**71 191** Mounting base

A separate instructions for use can be provided upon request.

**Light distribution**