

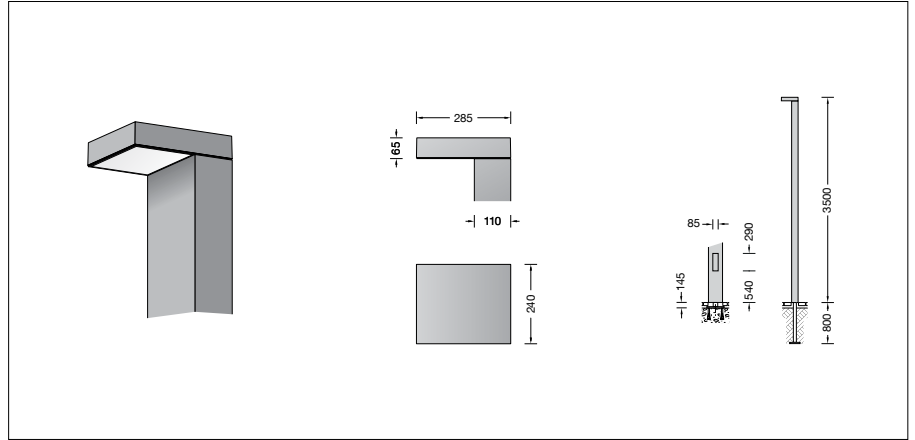
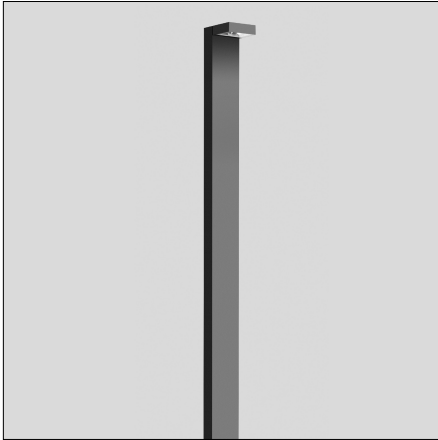
**BEGA****84 274**

Light building element



Project · Reference number

Date



## Product data sheet

**Product description**

The luminaire consists of aluminium profiles, cast aluminium and stainless steel  
 BEGA Unidure® coating technology  
 Safety glass with optical structure  
 Silicone gasket  
 Reflector made of pure anodised aluminium  
 Fixing of the light building element with anchorage unit **71 140** or mounting base **70 833** for bolting onto a foundation (see accessories)  
 With inserted door made of die cast aluminium  
 Square door latch (wrench size 8)  
 Connection box 71 084 for through-wiring – for 2 cables up to 7 × 6<sup>2</sup>  
 Terminal connection L1 · L2 · L3 · N · PE  
 2 connecting terminals for connecting DALI control cables  
 Fuse terminal with micro fuse  
 6,3 A slow  $\phi$  5 × 20 mm  
 LED power supply unit  
 220-240 V  $\sim$  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  
 – Safety mark  
 – Conformity mark  
 Wind catching area: 0.9 m<sup>2</sup>  
 Weight: 33.0 kg

**Application**

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

**Lamp**

Module connected wattage 17.6 W  
 Luminaire connected wattage 20 W  
 Rated temperature  $t_a = 25\text{ }^\circ\text{C}$   
 Ambient temperature  $t_{a\text{max}} = 55\text{ }^\circ\text{C}$

**84 274 K3**

Module designation LED-0313/830  
 Colour temperature 3000 K  
 Colour rendering index CRI > 80  
 Module luminous flux 3340 lm  
 Luminaire luminous flux 2451 lm  
 Luminaire luminous efficiency 122,6 lm/W

**84 274 K4**

Module designation LED-0313/840  
 Colour temperature 4000 K  
 Colour rendering index CRI > 80  
 Module luminous flux 3435 lm  
 Luminaire luminous flux 2521 lm  
 Luminaire luminous efficiency 126 lm/W

**Service life · Ambient temperature**

Rated temperature  $t_a = 25\text{ }^\circ\text{C}$   
 LED psu: > 50,000 h  
 LED module: > 200,000 h (L 80 B 50)  
 100,000 h (L 90 B 50)

Ambient temperature  $t_{a\text{max}} = 55\text{ }^\circ\text{C}$  (100 %)

LED psu: 50,000 h  
 LED module: 74,000 h (L 80 B 50)  
 100,000 h (L 70 B 50)

**Inrush current**

Inrush current: 5 A / 100  $\mu\text{s}$   
 Maximum number of luminaires of this type per miniature circuit breaker:

B 10A: 56 luminaires  
 B 16A: 90 luminaires  
 C 10A: 56 luminaires  
 C 16A: 90 luminaires

**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).

**Article No. 84 274**

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**

**71 140** Anchorage unit  
**70 833** Mounting base

A separate instructions for use can be provided upon request.

**Light distribution**