

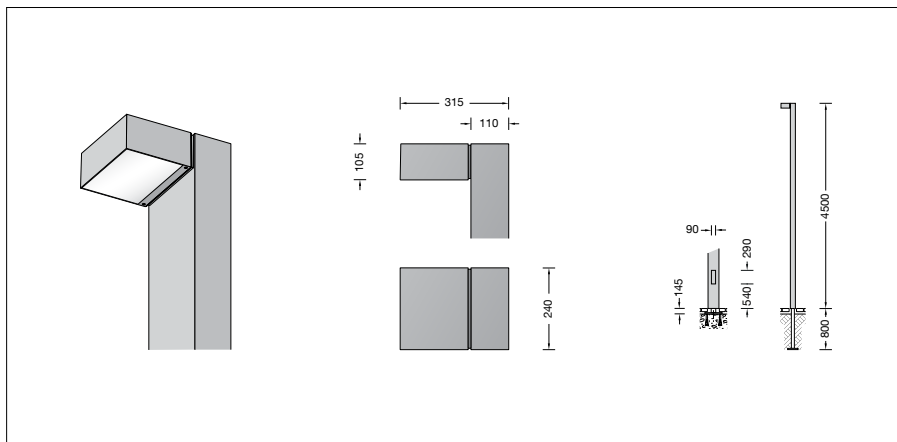
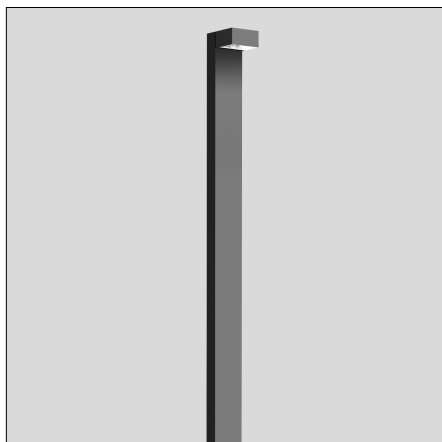
BEGA**84 240**

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 aluminium
 Square door latch (wrench size 8 mm)
 Connection box 71 084
 for through-wiring – for 2 cables up to 7 × 6²
 Terminal connection L1 · L2 · L3 · N · PE
 2 connecting terminals for connecting DALI control cables
 Fuse terminal with micro fuse
 6,3 A slow ϕ 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
 Impact strength IK06
 Protection against mechanical impacts < 1 joule
 – Safety mark
 – Conformity mark
 Wind catching area: 1.2 m²
 Weight: 56.4 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 $t_a = 25^\circ\text{C}$
 Ambient temperature $t_{a\max} = 55^\circ\text{C}$

84 240 K4

Module designation LED-0313/830
 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

84 240 K3

Module designation LED-0313/840
 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

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

LED psu: 50,000 h
 LED module: 88,000 h (L 80 B 50)
 100,000 h (L 70 B 50)

Inrush current

Inrush current: 5 A / 100 μs
 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.

Article No. 84 240

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