

BEGA**84 276**

Light building element



Project · Reference number

Date

Product data sheet

Application

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

Product description

The luminaire consists of aluminium profiles, cast aluminium and stainless steel
 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 mm)
 Connection box 71 084
 for through-wiring – for 2 cables up to 7 × 6[□]
 Terminal connection L1 · L2 · L3 · N · PE
 2 connecting terminals for connecting DALI control cables
 Fuse terminal with micro fuse
 6,3 A slow \varnothing 5 × 20 mm
 LED power supply unit
 220-240 V \sim 0/50-60 Hz
 DC 176-264 V
 During DC operation the LED power is reduced to 50 %
 DALI controllable
 A basic isolation exists between power cable and control line
 Safety class I
 Protection class IP 65
 Dust-tight and protection against water jets
 Impact strength IK05
 Protection against mechanical impacts < 0.7 joule
 – Safety mark
 – Conformity mark
 Wind catching area: 0.9 m²
 Weight: 34.8 kg

Accessories

71 140 Anchorage unit
70 833 Mounting base

A separate instructions for use can be provided upon request.

Lamp

Module connected wattage 35.2 W
 Luminaire connected wattage 38.6 W
 Rated temperature $t_a = 25$ °C
 Ambient temperature $t_{a \max} = 50$ °C

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Module designation LED-0313/830
 Colour temperature 3000 K
 Colour rendering index CRI > 80
 Module luminous flux 6680 lm
 Luminaire luminous flux 4902 lm
 Luminaire luminous efficiency 127 lm/W

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Module designation LED-0313/840
 Colour temperature 4000 K
 Colour rendering index CRI > 80
 Module luminous flux 6870 lm
 Luminaire luminous flux 5042 lm
 Luminaire luminous efficiency 130,6 lm/W

Service life · Ambient temperature

Rated temperature $t_a = 25$ °C
 LED psu: > 50,000 h
 LED module: > 200,000 h (L 80 B 50)
 100,000 h (L 90 B 50)

Ambient temperature $t_{a \max} = 50$ °C (100 %)

LED psu: 50,000 h
 LED module: 119,000 h (L 80 B 50)

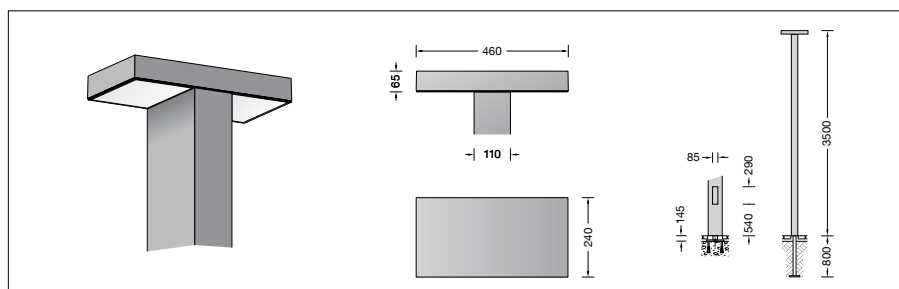
Light technique

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. 84 276

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**

**Light distribution**