

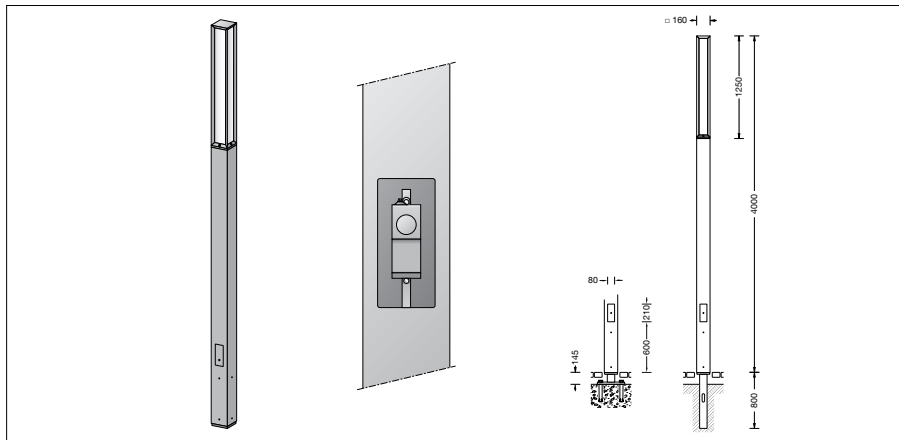
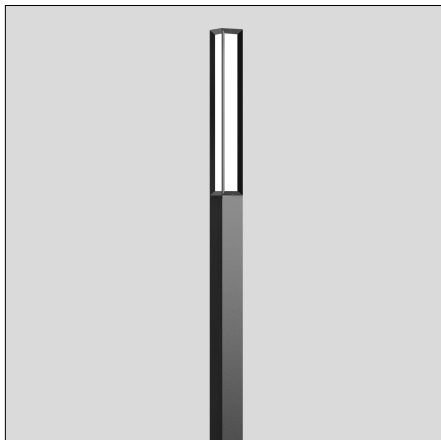
BEGA**84 875**

Light building element



Project · Reference number

Date





Product data sheet

Application

Light building element with square profile and four-sided light exit.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
 White synthetic diffuser
 Silicone gasket
 Fixing of the light building element with anchorage unit **71 136** or mounting base **70 819** 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 7×6^2
 Terminal connection L1 · L2 · L3 · N · PE
 2 connecting terminals for connecting DALI control cables
 Fuse terminal with micro fuse
 6,3 A slow $\phi 5 \times 20$ 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 IK07
 Protection against mechanical impacts < 2 joule
 – Safety mark
 – Conformity mark
 Wind catching area: 0.9 m²
 Weight: 26.0 kg

Lamp

Module connected wattage 45.6 W
 Luminaire connected wattage 51 W
 Rated temperature $t_a = 25$ °C
 Ambient temperature $t_{a \max} = 35$ °C

84 875 K4

Module designation 12x LED-0701/840
 Colour temperature 4000 K
 Colour rendering index CRI > 80
 Module luminous flux 9360 lm
 Luminaire luminous flux 6043 lm
 Luminaire luminous efficiency 118,5 lm/W

84 875 K3

Module designation 12x LED-0701/830
 Colour temperature 3000 K
 Colour rendering index CRI > 80
 Module luminous flux 9060 lm
 Luminaire luminous flux 5850 lm
 Luminaire luminous efficiency 114,7 lm/W

Service life of the LED

Ambient temperature $t_a = 25$ °C
 – at > 500,000h: L70B50

max. ambient temperature $t_a = 35$ °C
 – at 332,000h: L70B50

Ambient temperature $t_{a \max} = 50$ °C (67 %)
 LED psu: 50,000h
 LED module: 50,000h

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

Inrush current

Inrush current: 5 A / 100 μ s
 Maximum number of luminaires of this type per miniature circuit breaker:
 B 10A: 27 luminaires
 B 16A: 44 luminaires
 C 10A: 27 luminaires
 C 16A: 44 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. 84 875

LED colour temperature optionally 4000 K or 3000 K
 4000 K – Article number + **K4**
 3000 K – Article number + **K3**

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

Accessories

71 136 Anchorage unit
70 819 Mounting base

A separate instructions for use can be provided upon request.

Light distribution