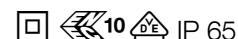


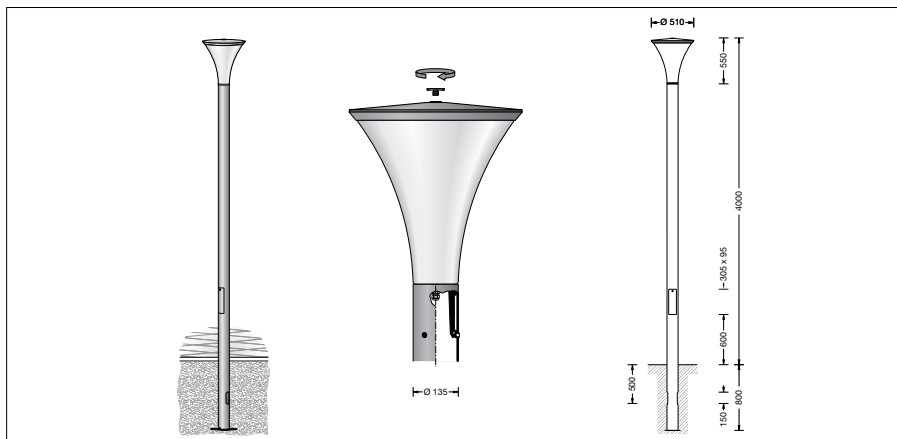
BEGA**88 157**

Light building element



Project · Reference number

Date



Product data sheet

Application

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

Light building elements are luminaires which can divide and structure areas in exterior application. They have a orientating, directing and demarcating function.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
 White synthetic diffuser
 Silicone gasket
 Reflector made of pure anodised aluminium
 Pole made of aluminium
 2 opposing cable entry points 150 × 50 mm
 Screw-on ground plate approx. 250 × 250 mm
 Length of anchorage section 800 mm
 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 × 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 \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 II
 Protection class IP 65
 Dust-tight and protection against water jets
 Impact strength IK10
 Protection against mechanical impacts < 20 joule
 – Safety mark
CE – Conformity mark
 Wind catching area: 0.6 m²
 Weight: 27.1 kg

Lamp

Module connected wattage 23.2 W
 Luminaire connected wattage 26 W
 Rated temperature $t_a = 25^\circ\text{C}$
 Ambient temperature $t_{a\text{max}} = 55^\circ\text{C}$

88 157 K4

Module designation 8x LED-0412/840
 Colour temperature 4000 K
 Colour rendering index CRI > 80
 Module luminous flux 4640 lm
 Luminaire luminous flux 2704 lm
 Luminaire luminous efficiency 104 lm/W

88 157 K3

Module designation 8x LED-0412/830
 Colour temperature 3000 K
 Colour rendering index CRI > 80
 Module luminous flux 4520 lm
 Luminaire luminous flux 2635 lm
 Luminaire luminous efficiency 101,3 lm/W

Service life of the LED

Ambient temperature $t_a = 25^\circ\text{C}$
 – at > 500,000 h: L70B50

max. ambient temperature $t_a = 55^\circ\text{C}$
 – at 143,000 h: L70B50

Inrush current

Inrush current: 5 A / 100 μs
 Maximum number of luminaires of this type per miniature circuit breaker:
 B10A: 27 luminaires
 B16A: 44 luminaires
 C10A: 27 luminaires
 C16A: 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. 88 157

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**

Light distribution