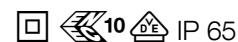


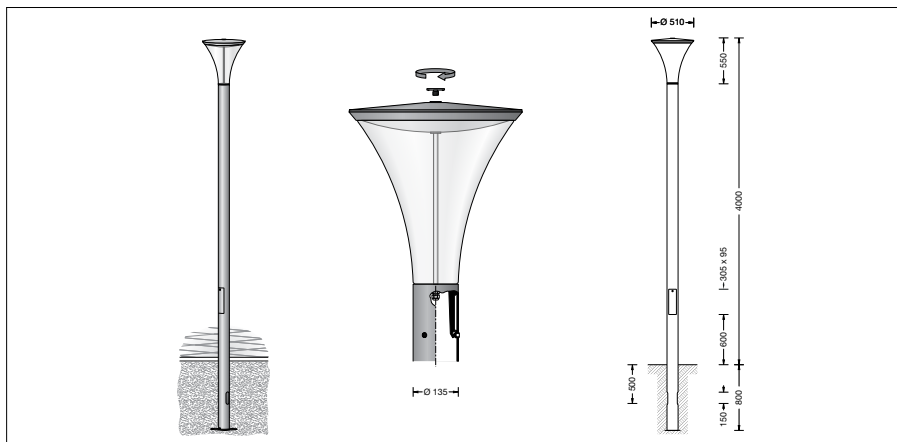
BEGA**88 165**

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
 Synthetic diffuser, clear
 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 ϕ 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
 – Conformity mark
 Wind catching area: 0.6 m²
 Weight: 28.4 kg

Lamp

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

88 165 K4

Module designation	8x LED-0412/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	4640 lm
Luminaire luminous flux	2611 lm
Luminaire luminous efficiency	100,4 lm/W

88 165 K3

Module designation	8x LED-0412/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	4520 lm
Luminaire luminous flux	2543 lm
Luminaire luminous efficiency	97,8 lm/W

Service life of the LED

Ambient temperature $t_a = 25^\circ\text{C}$
 – at > 500,000 h: L70 B50

max. ambient temperature $t_a = 55^\circ\text{C}$
 – at 143,000 h: L70 B50

Inrush current

Inrush current: 5 A / 100 μs
 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. 88 165

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

