

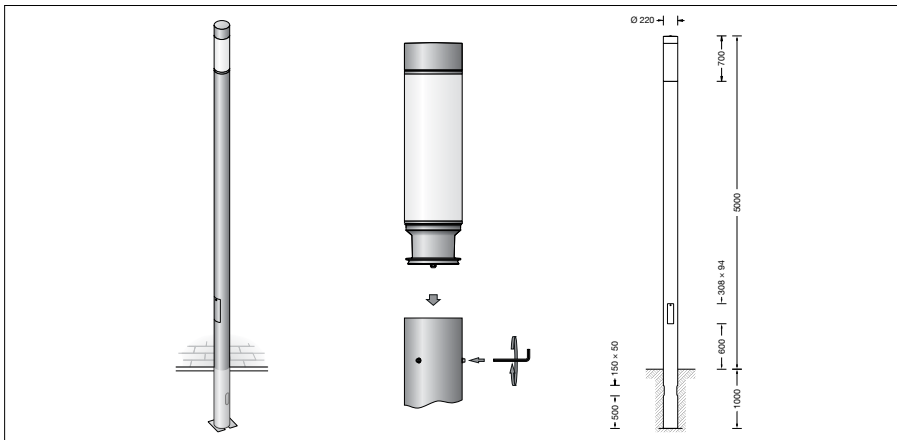
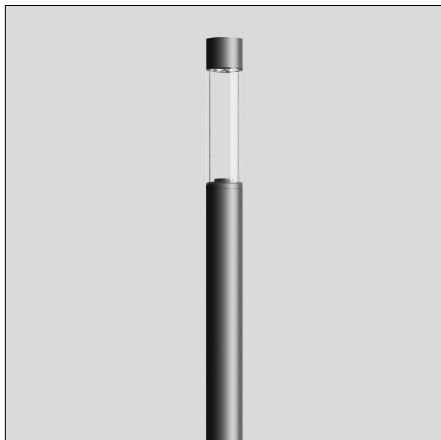
BEGA**88 065**

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
Pole made of aluminium
2 opposing cable entry points 150 × 50 mm
Screw-on ground plate approx. 250 × 250 mm
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 ø 5 × 20 mm
LED power supply unit
220-240 V ~ 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 IK08
Protection against mechanical impacts < 5 joule
 – Safety mark
 – Conformity mark
Wind catching area: 1.1 m²
Weight: 57.9 kg

Lamp

Module connected wattage 46.8 W
Luminaire connected wattage 52 W
Rated temperature $t_a = 25\text{ }^\circ\text{C}$
Ambient temperature $t_{a\text{ max}} = 50\text{ }^\circ\text{C}$

88 065 K4

Module designation LED-0501/840
Colour temperature 4000 K
Colour rendering index CRI > 80
Module luminous flux 9160 lm
Luminaire luminous flux 6459 lm
Luminaire luminous efficiency 124,2 lm/W

88 065 K3

Module designation LED-0501/830
Colour temperature 3000 K
Colour rendering index CRI > 80
Module luminous flux 8905 lm
Luminaire luminous flux 6279 lm
Luminaire luminous efficiency 120,8 lm/W

Service life of the LED

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

max. ambient temperature $t_a = 50\text{ }^\circ\text{C}$
– at 112,000 h: L70B50

Inrush current

Inrush current: 8 A / 100 μs
Maximum number of luminaires of this type per miniature circuit breaker:
B 10A: 13 luminaires
B 16A: 22 luminaires
C 10A: 13 luminaires
C 16A: 22 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. 88 065

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