

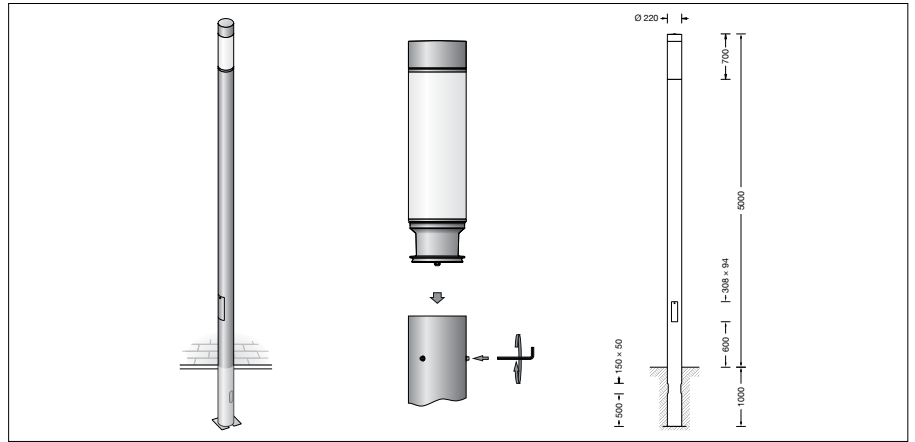
BEGA**88 068**

Light building element



Project · Reference number

Date



Product data sheet

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
Pole made of aluminium
2 opposing cable entry points 150 × 50 mm
Screw-on ground plate approx. 250 × 250 mm
Synthetic diffuser, clear
Reflector made of pure anodised aluminium
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 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 I
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK08
Protection against mechanical
impacts < 5 joule
 – Safety mark
CE – Conformity mark
Wind catching area: 1.1 m²
Weight: 57.9 kg

Application

Light building element with asymmetrical flat
beam light distribution for lighting and designing
squares, access roads and entrance areas.
Light building elements are luminaires which
can devide and structure areas in exterior
application.
They have a orientating, directing and
demarkating function.

Lamp

Module connected wattage 46.8 W
Luminaire connected wattage 52 W
Rated temperature $t_a = 25$ °C
Ambient temperature $t_{a,max} = 50$ °C

88 068 K4

Module designation LED-0502/840
Colour temperature 4000 K
Colour rendering index CRI > 80
Module luminous flux 9160 lm
Luminaire luminous flux 6396 lm
Luminaire luminous efficiency 123 lm/W

88 068 K3

Module designation LED-0502/830
Colour temperature 3000 K
Colour rendering index CRI > 80
Module luminous flux 8905 lm
Luminaire luminous flux 6217 lm
Luminaire luminous efficiency 119,6 lm/W

Inrush current

Inrush current: 8 A / 100 μ s
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.

Service life of the LED

Ambient temperature $t_a = 25$ °C
– at 451,000 h: L70 B50

max. ambient temperature $t_a = 50$ °C
– at 67,000 h: L70 B50

Article No. 88 068

LED colour temperature optionally 4000K
or 3000K
4000 K – Article number + **K4**
3000 K – Article number + **K3**
Colour graphite or silver
graphite – article number
silver – article number + **A**

Light distribution