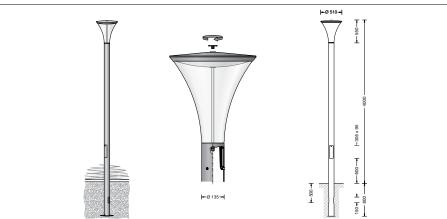
**BEGA** 88 166

Light building element

□ **₹10** ♠ IP 65

Project · Reference number





Date

# Product data sheet

**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 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  $\times$  50 mm Screw-on ground plate approx. 250  $\times$  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  $7 \times 6^{\square}$ 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  $5 \times 20$  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 II

Protection class IP 65

Dust-tight and protection against water jets

Impact strength IK10

Protection against mechanical

impacts < 20 joule

10 10 10 Safety mark CE - Conformity mark

Wind catching area: 0.6 m<sup>2</sup> Weight: 27.2 kg

### Lamp

Module connected wattage 23.2 W 26 W Luminaire connected wattage Rated temperature t<sub>a</sub>=25 °C t<sub>a max</sub>=55 °C Ambient temperature

### 88 166 K4

Module designation LED-0469/840 + LED-0472/840 Colour temperature 4000 K Colour rendering index CRI > 80 4640 lm Module luminous flux Luminaire luminous flux 2591 lm Luminaire luminous efficiency 99,7 lm/W

# 88 166 K3

Module designation LED-0469/830 + LED-0472/830 3000 K CRI > 80 4500 lm Colour temperature Colour rendering index Module luminous flux Luminaire luminous flux 2513 lm Luminaire luminous efficiency 96,7 lm/W

# Service life of the LED

Ambient temperature t<sub>a</sub>= 25 °C - at > 500,000 h: L70B50

max. ambient temperature t<sub>a</sub>= 55 °C – at 97.000h: L70B50

### Inrush current

Inrush current: 5 A / 100 µs Maximum number of luminaires of this type per miniature circuit breaker:

27 luminaires В10А: B16A: 44 luminaires 27 luminaires C10A: 44 luminaires C16A:

### 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. 88 166

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**

