




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 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 × 6[□]
 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 II 
 Protection class IP 65
 Dust-tight and protection against water jets
 Impact strength IK10
 Protection against mechanical
 impacts < 20 joule
 10  – Safety mark
CE – Conformity mark
 Wind catching area: 0.6 m²
 Weight: 27.2 kg

Lamp

Module connected wattage
Luminaire connected wattage
Rated temperature
Ambient temperature

23.2 W
26 W
 $t_a = 25^\circ\text{C}$
 $t_{a\text{ max}} = 55^\circ\text{C}$

88 166 K4

Module designation
LED-0469/840 + LED-0472/840
Colour temperature
Colour rendering index
Module luminous flux
Luminaire luminous flux
Luminaire luminous efficiency

4000 K
CRI > 80
4640 lm
2591 lm
99,7 lm/W

88 166 K3

Module designation
LED-0469/830 + LED-0472/830
Colour temperature
Colour rendering index
Module luminous flux
Luminaire luminous flux
Luminaire luminous efficiency

3000 K
CRI > 80
4500 lm
2513 lm
96,7 lm/W

Service life of the LED

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

max. ambient temperature $t_a = 55\text{ }^{\circ}\text{C}$
- at 97.000h: L70B50

Inrush current

Inrush current: 5 A / 100 μ s
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. 88 166

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

