

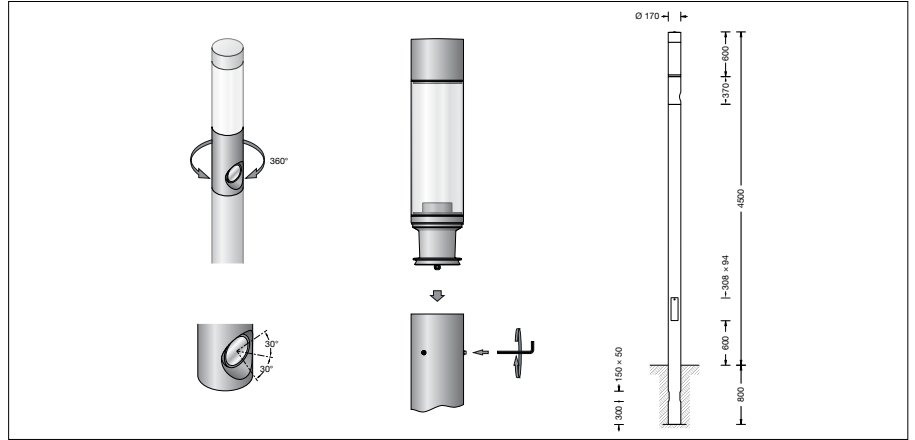
BEGA

Light building element

84 261
 IP 65



Project · Reference number

Date



Product data sheet

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
 Synthetic diffuser, clear
 Reflector of anodised pure aluminium
 Inclination angle of the individual floodlight is adjustable from 0° to 30°, adjustable 360°
 Floodlight segment can be rotated by 360° around the vertical axis of the light building element
 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 \varnothing 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 IK10
 Protection against mechanical impacts < 20 joule
 Luminaire head: Impact strength IK10
 Protection against mechanical impacts < 20 joule
 Floodlight: Impact strength IK07
 Protection against mechanical impacts < 2 joule
 – Safety mark
 – Conformity mark
 Weight: 38.1 kg

Lamp**Luminaire head**

Module connected wattage 29.4 W
 Luminaire connected wattage 33 W
 Rated temperature $t_a = 25$ °C
 Ambient temperature $t_{a \max} = 50$ °C

84 261 K4

Module designation LED-0431/840
 Colour temperature 4000 K
 Colour rendering index CRI > 80
 Module luminous flux 5720 lm
 Luminaire luminous flux 3741 lm
 Luminaire luminous efficiency 113,4 lm/W

84 261 K3

Module designation LED-0431/830
 Colour temperature 3000 K
 Colour rendering index CRI > 80
 Module luminous flux 5560 lm
 Luminaire luminous flux 3636 lm
 Luminaire luminous efficiency 110,2 lm/W

Floodlight

Module connected wattage 5.7 W
 Floodlight connected wattage 7 W
 Rated temperature $t_a = 25$ °C
 Ambient temperature $t_{a \max} = 50$ °C

84 261 K4

Module designation LED-0438/840
 Colour temperature 4000 K
 Colour rendering index CRI > 80
 Module luminous flux 1005 lm
 Luminaire luminous flux 608 lm
 Luminaire luminous efficiency 86,9 lm/W

84 261 K3

Module designation LED-0438/830
 Colour temperature 3000 K
 Colour rendering index CRI > 80
 Module luminous flux 915 lm
 Luminaire luminous flux 554 lm
 Luminaire luminous efficiency 79,1 lm/W

For special lighting applications, it is possible to alter the symmetrical light cone to create wide beam or flat beam light distribution by changing the cover glass.

Application

LED light building element with asymmetrical light distribution for lighting and designing squares, access roads and entrance areas. With adjustable LED floodlight for the illumination of architectural details in the immediate vicinity of the luminaires.

Inrush current

Inrush current: 5 A / 100 μ s
 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.

Service life of the LED

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

max. ambient temperature $t_a = 50$ °C
 – at 142,000h: L70B50

Article No. 84 261

LED colour temperature optionally 3000 K or 4000 K
 3000 K – Article number + **K3**
 4000 K – Article number + **K4**

Colour graphite or silver
 graphite – article number
 silver – article number + **A**

Accessories

10 043 Exchangeable lens wide beam
10 014 Exchangeable lens flat beam

For the accessories a separate instructions for use can be provided upon request.

Light distribution