

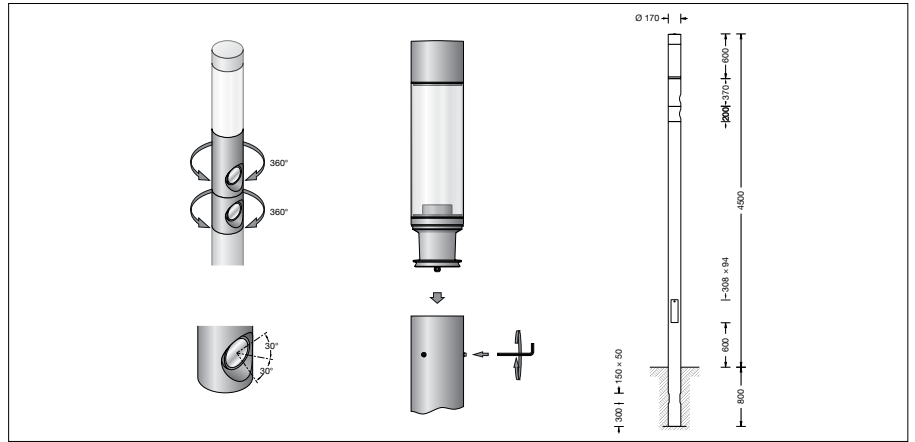
**BEGA****88 865**

Light building element



Project · Reference number

Date



## Product data sheet

**Application**

LED light building element with rotationally symmetrical light distribution for lighting and designing squares, access roads and entrance areas.

With 2 adjustable LED floodlights for the illumination of architectonic details in the immediate vicinity of the luminaires.

**Product description**

Luminaire made of aluminium alloy, aluminium and stainless steel  
Synthetic diffuser, clear  
Reflector made of anodised pure aluminium  
Inclination angle of the individual floodlight is adjustable from 0° to 30°  
Floodlight can be rotated by 360° around the vertical axis of the light building element.  
Luminaire pole made of aluminium  
Length of anchorage section 800 mm  
2 opposite cable entries 150 x 50 mm  
With inserted door made of aluminium alloy  
Door latch square spanner wrench size 8 mm.  
Connection box 71 084 for through-wiring – for 2 cables up to 7 x 6<sup>2</sup>  
Terminal connection L1 · L2 · L3 · N · PE  
2 connecting terminals for connecting DALI control cables  
Fuse terminal with micro fuse  
6,3 A slow  $\phi$  5 x 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  
Protection class IP 65  
Dust-tight and protection against water jets  
Safety class I  
 – Safety mark  
 – Conformity mark  
Weight: 39.6 kg

**Lamp****Luminaire head**

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

**88 865 K4**

Module designation LED-0389/840  
Colour temperature 4000 K  
Colour rendering index CRI > 80  
Module luminous flux 5720 lm  
Luminaire luminous flux 3769 lm  
Luminaire luminous efficiency 114,2 lm/W

**88 865 K3**

Module designation LED-0389/830  
Colour temperature 3000 K  
Colour rendering index CRI > 80  
Module luminous flux 5560 lm  
Luminaire luminous flux 3663 lm  
Luminaire luminous efficiency 111 lm/W

**Floodlight**

Module connected wattage 2x 5.7 W  
Floodlight connected wattage 14 W  
Rated temperature  $t_a = 25^\circ\text{C}$   
Ambient temperature  $t_{a\text{max}} = 50^\circ\text{C}$

**88 865 K4**

Module designation LED-0438/840  
Colour temperature 4000 K  
Colour rendering index CRI > 80  
Module luminous flux 2010 lm  
Luminaire luminous flux 1216 lm  
Luminaire luminous efficiency 86,9 lm/W

**88 865 K3**

Module designation LED-0438/830  
Colour temperature 3000 K  
Colour rendering index CRI > 80  
Module luminous flux 1830 lm  
Luminaire luminous flux 1108 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.

**Service life of the LED**

Ambient temperature  $t_a = 25^\circ\text{C}$   
– at > 500,000 h: L70 B50

max. ambient temperature  $t_a = 50^\circ\text{C}$   
– at 144,000 h: L70 B50

**Lighting technology**

Half beam angle 17°  
Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and interior lighting as well as luminaire data in EULUMDAT and IES format are available on our website [www.bega.com](http://www.bega.com).

**Inrush current**

Inrush current: 5 A / 100  $\mu\text{s}$   
Maximum number of luminaires of this type per miniature circuit breaker:  
B 10 A: 27 luminaires  
B 16 A: 44 luminaires  
C 10 A: 27 luminaires  
C 16 A: 44 luminaires

**Article No. 88 865**

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**

**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**