

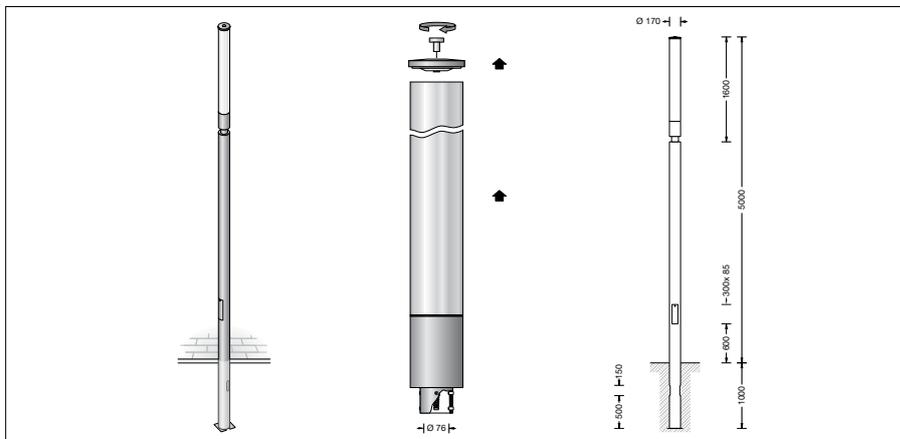
**BEGA****84 992**

Light building element



Project · Reference number

Date



## Product data sheet

**Product description**

Luminaire made of cast aluminium,  
aluminium and stainless steel  
Synthetic cylinder, white  
Pole made of aluminium  
2 opposing cable entry points 150 × 50 mm  
Screw-on ground plate approx. 250 × 250 mm  
Length of anchorage section 1000 mm  
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 × 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 × 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: 0.87 m<sup>2</sup>  
Weight: 43.0 kg

**Application**

Light building element with rotationally  
symmetrical 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.

**Lamp**

Module connected wattage	55.2 W
Luminaire connected wattage	60.7 W
Rated temperature	$t_a = 25\text{ }^\circ\text{C}$
Ambient temperature	$t_{a,max} = 50\text{ }^\circ\text{C}$

**84 992 K4**

Module designation	12x LED-0701/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	11100 lm
Luminaire luminous flux	9304 lm
Luminaire luminous efficiency	153,3 lm/W

**84 992 K3**

Module designation	12x LED-0701/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	10800 lm
Luminaire luminous flux	9052 lm
Luminaire luminous efficiency	149,1 lm/W

**Service life of the LED**

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

max. ambient temperature  $t_a = 50\text{ }^\circ\text{C}$   
– at 129,000h: L70B50

**Inrush current**

Inrush current: 8 A / 100  $\mu$ 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](http://www.bega.com).

**Article No. 84 992**

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**