

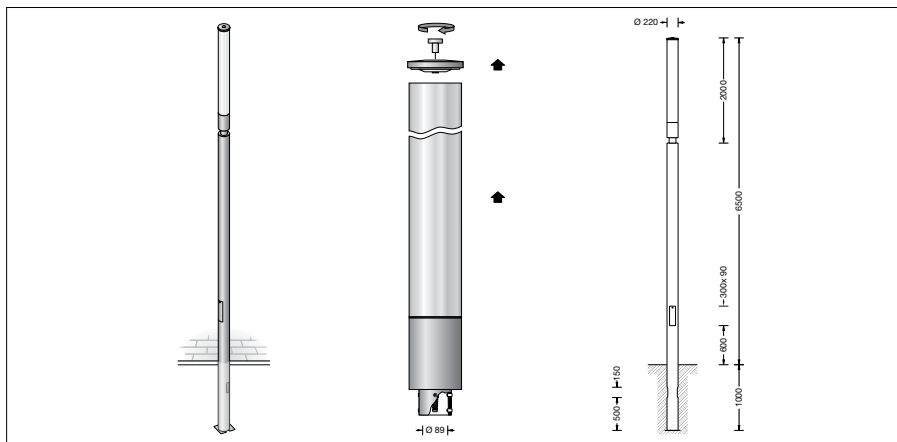
BEGA**84 993**

Light building element



Project · Reference number

Date



Product data sheet

Product description

Luminaire made of cast aluminium, aluminium and stainless steel
 BEGA Unidure® coating technology
 Luminaire pole made of aluminium and aluminium alloy, powder coated and lacquered
 BEGA Unidure® coating technology
 Synthetic cylinder, white
 Length of anchorage section 1000 mm
 2 opposite cable entries 50 x 22 mm
 Screw-on ground plate approx. 130 x 130 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 x 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 ϕ 5 x 20 mm
 LED power supply unit
 220-240 V \sim 0/50-60 Hz
 DC 176-280 V
 DALI controllable
 A basic isolation exists between power cable and control line
 BEGA Thermal Switch®
 Temporary thermal shutdown to protect temperature-sensitive components
 Safety class I
 Protection class IP 65
 Dust-tight and protection against water jets
 Impact strength IK09
 Protection against mechanical impacts < 10 joule
 – Safety mark
 – Conformity mark
 Wind catching area: 1.44 m²
 Weight: 74.0 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	69.6 W
Luminaire connected wattage	80 W
Rated temperature	$t_a = 25 \text{ }^\circ\text{C}$
Ambient temperature	$t_{a \text{ max}} = 45 \text{ }^\circ\text{C}$

On request we can offer you modifications for environments with higher temperatures as a customized product.

84 993 K4

Module designation	12x LED-0694/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	13380 lm
Luminaire luminous flux	10576 lm
Luminaire luminous efficiency	132,2 lm/W

84 993 K3

Module designation	12x LED-0694/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	13080 lm
Luminaire luminous flux	10339 lm
Luminaire luminous efficiency	129,2 lm/W

Service life · Ambient temperature

Rated temperature $t_a = 25 \text{ }^\circ\text{C}$	
LED psu:	> 50,000h
LED module:	> 200,000h (L80B50) 100,000h (L90B50)

Ambient temperature $t_{a \text{ max}} = 45 \text{ }^\circ\text{C}$ (100 %)

LED psu:	50,000h
LED module:	131,000h (L80B50)

Inrush current

Inrush current: 12 A / 50 μ s
 Maximum number of luminaires of this type per miniature circuit breaker:
 B 10A: 10 luminaires
 B 16A: 16 luminaires
 C 10A: 17 luminaires
 C 16A: 28 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. 84 993

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

