

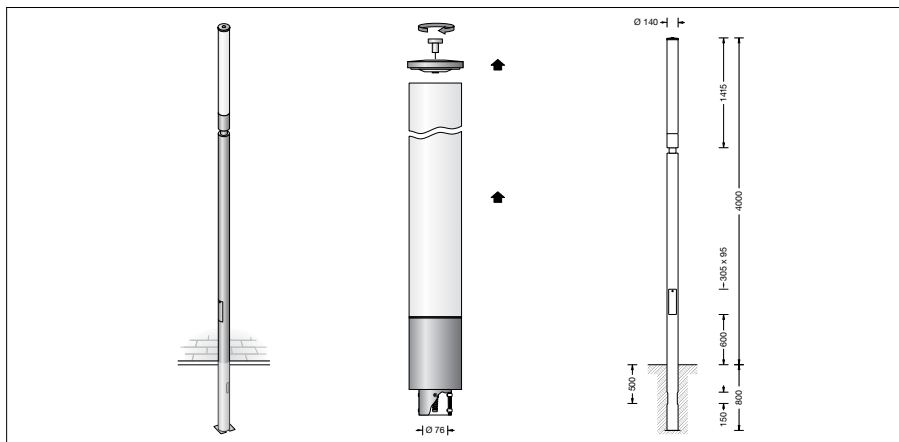
BEGA**84 991**

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
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 800 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 × 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 ϕ 5 × 20 mm
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 170-280 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 IK08
Protection against mechanical
impacts < 5 joule
 – Safety mark
 – Conformity mark
Wind catching area: 0.6 m²
Weight: 26.0 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	45.6 W
Luminaire connected wattage	52.8 W
Rated temperature	$t_a = 25\text{ }^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 35\text{ }^\circ\text{C}$

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

84 991 K4

Module designation	12x LED-0701/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	9360 lm
Luminaire luminous flux	7699 lm
Luminaire luminous efficiency	145,8 lm/W

84 991 K3

Module designation	12x LED-0701/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	9060 lm
Luminaire luminous flux	7452 lm
Luminaire luminous efficiency	141,1 lm/W

Service life · Ambient temperature

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

Ambient temperature $t_{a\text{max}} = 35\text{ }^\circ\text{C}$ (100 %)

LED psu:	50,000 h
LED module:	> 200,000 h (L80B50) 100,000 h (L90B50)

Inrush current

Inrush current: 8 A / 50 μ s

Maximum number of luminaires of this
type per miniature circuit breaker:

B 10A:	15 luminaires
B 16A:	25 luminaires
C 10A:	26 luminaires
C 16A:	42 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. 84 991

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

