

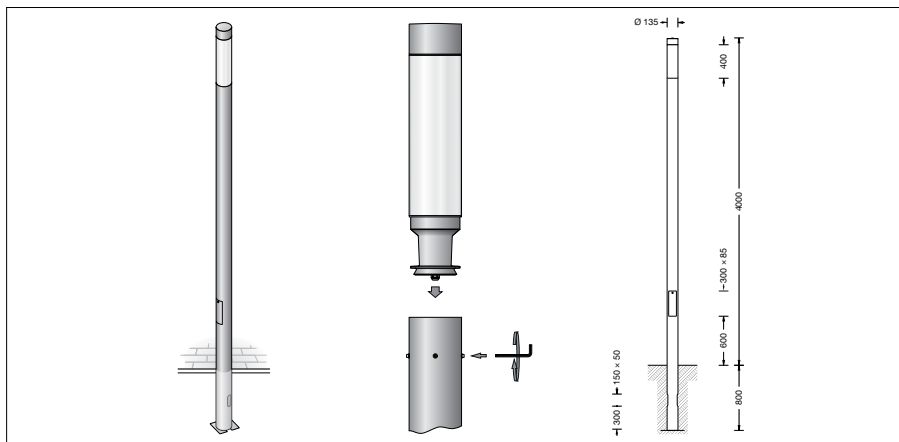
BEGA**84 137**

Light building element



Project · Reference number

Date



Product data sheet

Product description

Luminaire made of cast aluminium,
aluminium and stainless steel
Synthetic diffuser, clear with optical structure
Silicone gasket
Reflector of anodised pure aluminium
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 176-276 V
DALI controllable
A basic isolation exists between power cable
and control line
BEGA Thermal Control®
Temporary thermal regulation to protect
temperature-sensitive components without
switching off the luminaire
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK07
Protection against mechanical
impacts < 2 joule
 – Safety mark
 – Conformity mark
 Wind catching area: 1.4 m²
 Weight: 24.5 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	19.5 W
Luminaire connected wattage	22.5 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{ max}} = 50^\circ\text{C}$

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Module designation	LED-0882/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	3815 lm
Luminaire luminous flux	2442 lm
Luminaire luminous efficiency	108,5 lm/W

84 137 K3

Module designation	LED-0882/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	3710 lm
Luminaire luminous flux	2375 lm
Luminaire luminous efficiency	105,6 lm/W

Service life · Ambient temperature

Rated temperature $t_a = 25^\circ\text{C}$	
LED psu:	> 50,000 h
LED module:	155,000 h (L80 B50)
	100,000 h (L80 B10)

Ambient temperature $t_{a\text{ max}} = 50^\circ\text{C}$ (100 %)

LED psu:	50,000 h
LED module:	36,000 h (L80 B50)
	55,000 h (L70 B50)

Inrush current

Inrush current: 12 A / 24.2 μs
 Maximum number of luminaires of this
 type per miniature circuit breaker:
 B 10A: 50 luminaires
 B 16A: 50 luminaires
 C 10A: 50 luminaires
 C 16A: 50 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. 84 137

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

