

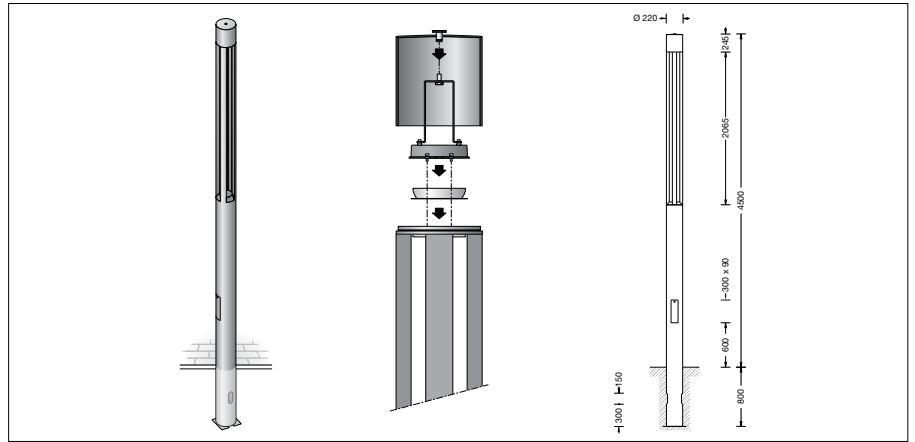
BEGA**84 064**

Light building element



Project · Reference number

Date



Product data sheet

Product description

The luminaire consists of aluminium profiles, cast aluminium and stainless steel
 BEGA Unidure® coating technology
 Clear safety glass
 Silicone gasket
 Reflector made of pure anodised aluminium
 Pole made of aluminium
 2 opposing cable entry points 150 × 50 mm
 Screw-on ground plate approx. 250 × 250 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 ø 5 × 20 mm
 BEGA Ultimate Driver®
 LED power supply unit
 220-240 V ~ 0/50-60 Hz
 DC 176-264 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 IK06
 Protection against mechanical impacts < 1 joule
 – Safety mark
 – Conformity mark
 Wind catching area: 0.84 m²
 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	39 W
Luminaire connected wattage	43.5 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 40\text{ °C}$

84 064 K4

Module designation	LED-0808/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	7630 lm
Luminaire luminous flux	2416 lm
Luminaire luminous efficiency	55,5 lm/W

84 064 K3

Module designation	LED-0808/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	7420 lm
Luminaire luminous flux	2349 lm
Luminaire luminous efficiency	54 lm/W

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.

Inrush current

Inrush current: 5 A / 100 μs
 Maximum number of luminaires of this type per miniature circuit breaker:
 B 10A: 18 luminaires
 B 16A: 28 luminaires
 C 10A: 18 luminaires
 C 16A: 28 luminaires

Service life · Ambient temperature

Rated temperature $t_a = 25\text{ °C}$	
LED psu:	> 50,000 h
LED module:	132,000 h (L 80 B 50)
Ambient temperature $t_{a\text{ max}} = 40\text{ °C}$ (100 %)	
LED psu:	50,000 h
LED module:	54,000 h (L 80 B 50) 82,000 h (L 70 B 50)
Ambient temperature $t_{a\text{ max}} = 50\text{ °C}$ (75 %)	
LED psu:	50,000 h
LED module:	> 50,000 h (L 70 B 50)

BEGA Thermal Control® protects temperature-sensitive luminaire components by temporarily limiting the nominal power at high temperatures.

Article No. 84 064

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