

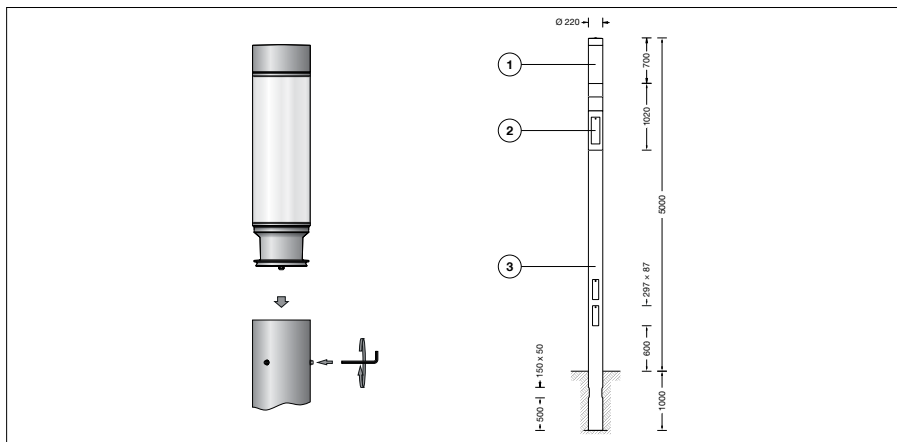
BEGA**84 128**

WiFi Light building element



Project · Reference number

Date



Product data sheet

Application

Light building element with asymmetrical light distribution for illuminating and designing squares, driveways and entrance areas. With integral high-performance aerial unit and ready for connection of a WiFi module / access point.

Product description

Luminaire made of cast aluminium, aluminium and stainless steel
Synthetic diffuser, clear
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
4 integral dual band Omni aerials
Frequency range 2.4–2.5 and 5.15–5.875 GHz
With 3 die-cast aluminium doors, square door latch (wrench size 8 mm)
Connection box 70647
for through-wiring – for 2 cables up to 5 × 16[□]
with 3 fuses Neozed D 01 · 6 A
Additional C-rail for on-site installation of a media converter, e.g. fibre optic-LAN converter
LED power supply unit
220-240 V ~ 50/60 Hz
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
 – Conformity mark
Wind catching area: 1.1 m²
Weight: 60.0 kg

Lamp

Module connected wattage 46.8 W
Luminaire connected wattage 52 W
Rated temperature $t_a = 25\text{ °C}$
Ambient temperature $t_{a,max} = 50\text{ °C}$

84 128 K4

Module designation LED-0502/840
Colour temperature 4000 K
Colour rendering index CRI > 80
Module luminous flux 9160 lm
Luminaire luminous flux 6396 lm
Luminaire luminous efficiency 123 lm/W

84 128 K3

Module designation LED-0502/830
Colour temperature 3000 K
Colour rendering index CRI > 80
Module luminous flux 8905 lm
Luminaire luminous flux 6217 lm
Luminaire luminous efficiency 119,6 lm/W

Service life of the LED

Ambient temperature $t_a = 25\text{ °C}$
– at 451,000h: L 70 B 50

max. ambient temperature $t_a = 50\text{ °C}$
– at 67,000h: L 70 B 50

Inrush current

Inrush current: 8 A / 100 μ 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.

Article No. 84 128

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

