

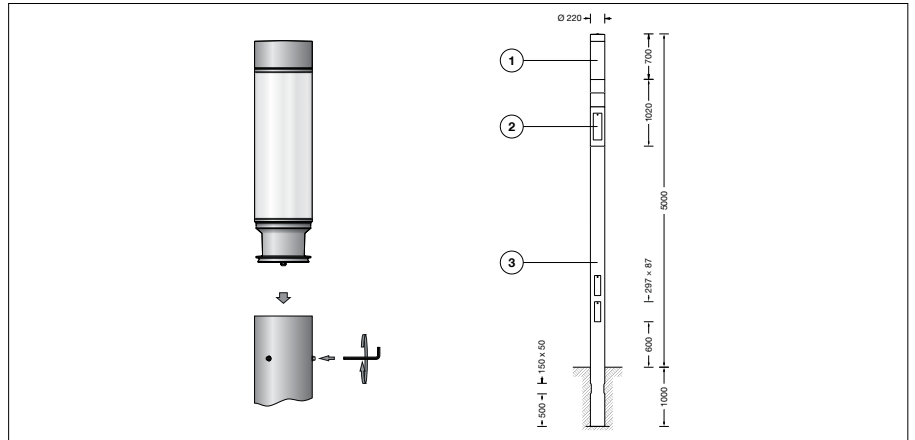
**BEGA****84 122**

WiFi Light building element

 IP 65



Project · Reference number

Date



## Product data sheet

### Product description

Luminaire made of cast aluminium, aluminium and stainless steel  
 BEGA Unidure® coating technology  
 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  
 With 3 die-cast aluminium doors, square door latch (wrench size 8 mm)  
 4 integral dual band Omni aerials  
 Frequency range 2.4–2.5 and 5.15–5.875 GHz  
 Connection box 70647  
 for through-wiring – for 2 cables up to 5 × 16<sup>2</sup>  
 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 m<sup>2</sup>  
 Weight: 60.0 kg

### Application

Light building element with symmetrical 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.

### Lamp

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

### 84 122 K4

Module designation LED-0501/840  
 Colour temperature 4000 K  
 Colour rendering index CRI > 80  
 Module luminous flux 9160 lm  
 Luminaire luminous flux 6459 lm  
 Luminaire luminous efficiency 124,2 lm/W

### 84 122 K3

Module designation LED-0501/830  
 Colour temperature 3000 K  
 Colour rendering index CRI > 80  
 Module luminous flux 8905 lm  
 Luminaire luminous flux 6279 lm  
 Luminaire luminous efficiency 120,8 lm/W

### Service life of the LED

Ambient temperature  $t_a = 25 \text{ }^\circ\text{C}$   
 – at > 500,000h: L70B50

max. ambient temperature  $t_a = 50 \text{ }^\circ\text{C}$   
 – at 112,000h: L70B50

### Inrush current

Inrush current: 8 A / 100  $\mu\text{s}$   
 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](http://www.bega.com).

### Article No. 84 122

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

