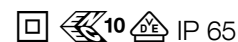


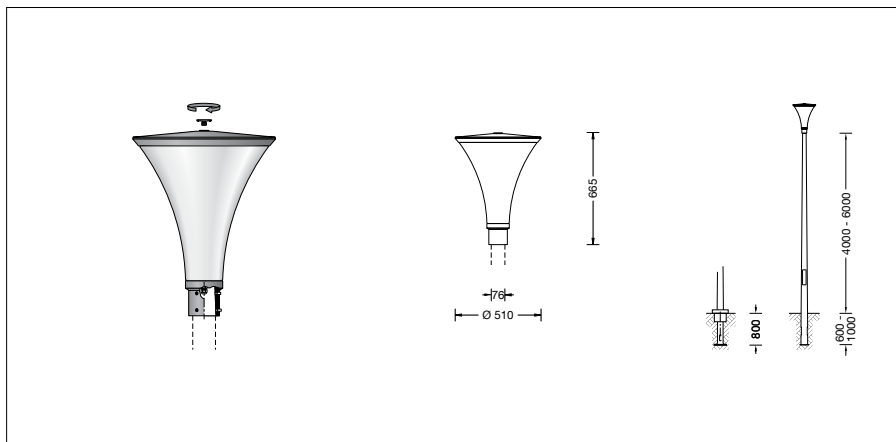
BEGA**77 122**

Pole top luminaire



Project · Reference number

Date



Product data sheet

Application

LED pole-top luminaire with symmetrical light distribution.

For mounting heights 4000 - 6000 mm.

Product description

Luminaire made of aluminium alloy,

aluminium and stainless steel

White synthetic diffuser

Silicone gasket

For pole top \varnothing 76 mm

Slip fitter insert depth 110 mm

Connecting cable X05BQ-F 4 x 1[□]

Cable length 6 m

LED power supply unit

220-240 V \sim 0/50-60 Hz

DC 176-264 V

During DC operation the LED power is reduced to 50 %

DALI controllable

A basic isolation exists between power cable and control line

Safety class II

Protection class IP 65

Dust-tight and protection against water jets

Impact strength IK10

Protection against mechanical

impacts < 20 joule

– Safety mark

– Conformity mark

Horizontal wind catching area: 0.15 m²

Weight: 8.6 kg

Lamp

Module connected wattage 23.2 W

Luminaire connected wattage 26 W

Rated temperature $t_a = 25 \text{ }^\circ\text{C}$

Ambient temperature $t_{a, \text{max}} = 55 \text{ }^\circ\text{C}$

77 122 K4

Module designation 8x LED-0412/840

Colour temperature 4000 K

Colour rendering index CRI > 80

Module luminous flux 4640 lm

Luminaire luminous flux 2704 lm

Luminaire luminous efficiency 104 lm/W

77 122 K3

Module designation 8x LED-0412/830

Colour temperature 3000 K

Colour rendering index CRI > 80

Module luminous flux 4520 lm

Luminaire luminous flux 2635 lm

Luminaire luminous efficiency 101,3 lm/W

Service life of the LED

Ambient temperature $t_a = 25 \text{ }^\circ\text{C}$

– at > 500,000h: L 70 B 50

max. ambient temperature $t_a = 55 \text{ }^\circ\text{C}$

– at 143,000h: L 70 B 50

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: 27 luminaires

B 16A: 44 luminaires

C 10A: 27 luminaires

C 16A: 44 luminaires

Article No. 77 122

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