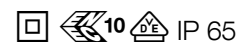


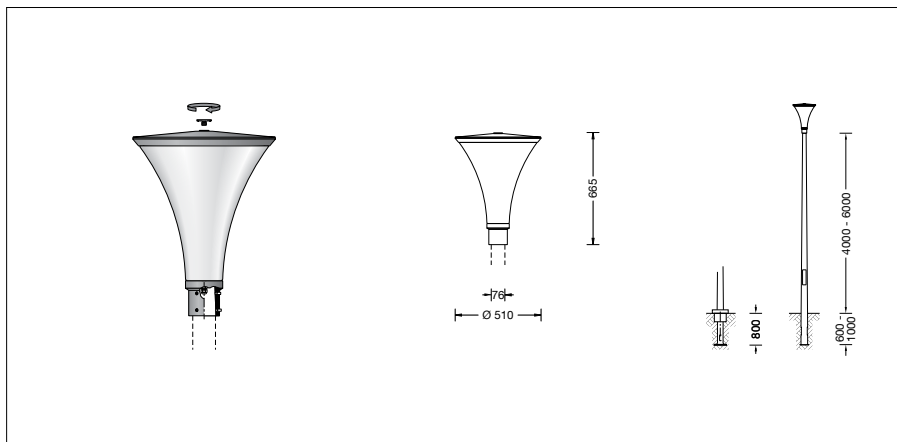
BEGA**77 122**

Pole top luminaire



Project · Reference number

Date



Product data sheet

Application

Pole-top luminaire with symmetrical light distribution.
For mounting heights 4000 - 6000 mm.

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
BEGA Unidure® coating technology
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
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 II
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK10
Protection against mechanical
impacts < 20 joule
 – Safety mark
CE – 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 $t_{a\text{ max}} = 60\text{ }^{\circ}\text{C}$

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 · Ambient temperature

Rated temperature $t_a = 25\text{ }^{\circ}\text{C}$
LED psu: > 50,000 h
LED module: > 200,000 h (L 80 B 50)
100,000 h (L 90 B 50)

Ambient temperature $t_{a\text{ max}} = 60\text{ }^{\circ}\text{C}$ (100 %)

LED psu: 50,000 h
LED module: 50,000 h (L 80 B 50)
75,000 h (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 μ s
Maximum number of luminaires of this
type per miniature circuit breaker:

B 10A: 35 luminaires
B 16A: 56 luminaires
C 10A: 35 luminaires
C 16A: 56 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**

Accessories

For this luminaire we recommend the following
BEGA luminaire poles:

Tapered aluminium poles,
lacquered with access door and C-clamp
70 914 Pole with anch.section H 4000 mm
70 725 Pole with anch.section H 4500 mm
70 915 Pole with anch.section H 5000 mm
70 916 Pole with anch.section H 6000 mm
70 791 Pole with baseplate H 4000 mm
70 792 Pole with baseplate H 4500 mm
70 794 Pole with baseplate H 5000 mm

Cylindrically stepped aluminium poles,
lacquered with door und C rail
70 901 Pole with anch.section H 4000 mm
70 903 Pole with anch.section H 5000 mm
70 905 Pole with anch.section H 6000 mm
70 900 Pole with baseplate H 4000 mm
70 902 Pole with baseplate H 5000 mm
70 904 Pole with baseplate H 6000 mm

For suitable connection boxes please see the
instructions for use of the luminaire poles.

Light distribution