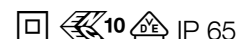


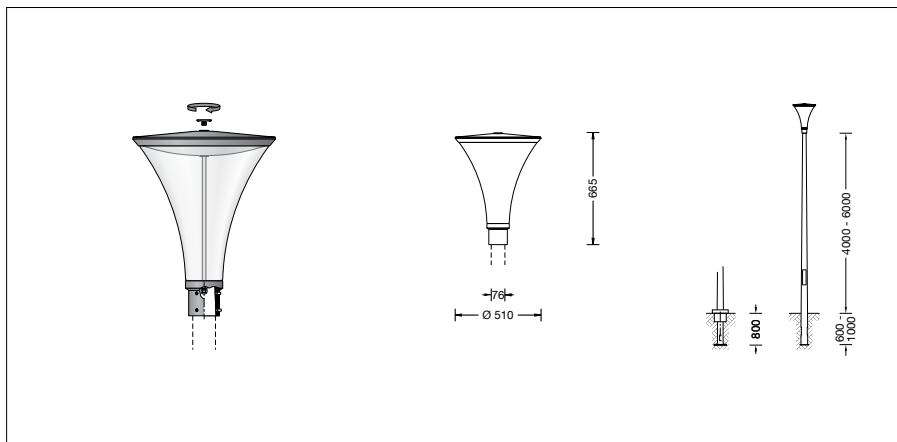
BEGA**77 151**

Pole top luminaire



Project · Reference number

Date



Product data sheet

Application

LED pole top luminaire with asymmetrical flat beam light distribution.
For mounting heights 4000 - 6000 mm.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
Synthetic diffuser, clear
Silicone gasket
Reflector made of pure anodised aluminium
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 \square
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 25.9 W
Rated temperature $t_a = 25$ °C
Ambient temperature $t_{a,max} = 55$ °C

77 151 K4

Module designation LED-0469/840 + LED-0472/840
Colour temperature 4000 K
Colour rendering index CRI > 80
Module luminous flux 4640 lm
Luminaire luminous flux 2591 lm
Luminaire luminous efficiency 100 lm/W

77 151 K3

Module designation LED-0469/830 + LED-0472/830
Colour temperature 3000 K
Colour rendering index CRI > 80
Module luminous flux 4500 lm
Luminaire luminous flux 2513 lm
Luminaire luminous efficiency 97 lm/W

Service life of the LED

Ambient temperature $t_a = 25$ °C
– at > 500,000h: L70B50

max. ambient temperature $t_a = 55$ °C
– at 97,000h: L70B50

Inrush current

Inrush current: 5 A / 100 μ s
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

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. 77 151

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