

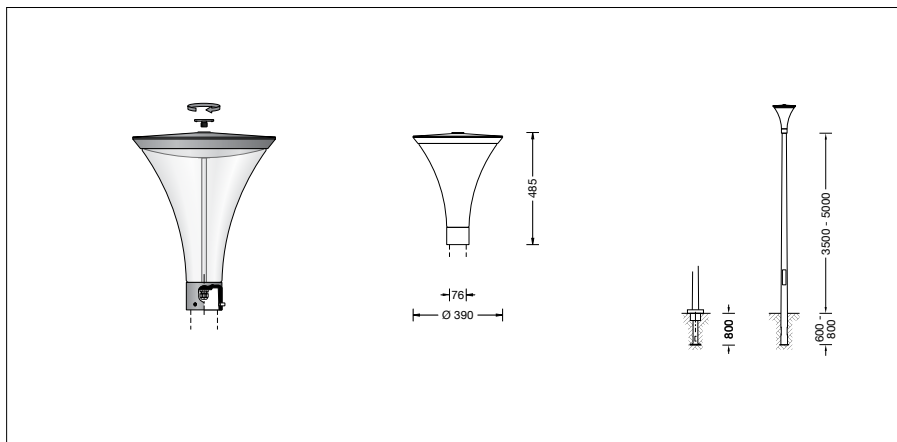
BEGA**77 150**

Pole top luminaire



Project · Reference number

Date



Product data sheet

Application

LED pole top luminaire with asymmetrical flat beam light distribution.
For mounting heights 3500 - 5000 mm.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
BEGA Unidure® coating technology
Synthetic diffuser, clear
Silicone gasket
Reflector made of pure anodised aluminium
For pole top \varnothing 76 mm
Slip fitter insert depth 60 mm
Connecting cable X05BQ-F 4 x 1 \square
Cable length 5 m
LED power supply unit
220-240 V \sphericalangle 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 \square
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK10
Protection against mechanical impacts < 20 joule
 \sphericalangle 10 \triangle – Safety mark
CE – Conformity mark
Horizontal wind catching area: 0.15 m²
Weight: 6.0 kg

Lamp

Module connected wattage 15.6 W
Luminaire connected wattage 18 W
Rated temperature $t_a = 25$ °C
Ambient temperature $t_{a \max} = 50$ °C

77 150 K4

Module designation LED-0553/840 + LED-0554/840
Colour temperature 4000 K
Colour rendering index CRI > 80
Module luminous flux 2860 lm
Luminaire luminous flux 1585 lm
Luminaire luminous efficiency 88,1 lm/W

77 150 K3

Module designation LED-0553/830 + LED-0554/830
Colour temperature 3000 K
Colour rendering index CRI > 80
Module luminous flux 2720 lm
Luminaire luminous flux 1508 lm
Luminaire luminous efficiency 83,8 lm/W

Service life · Ambient temperature

Rated temperature $t_a = 25$ °C
LED psu: > 50,000 h
LED module: 120,000 h (L80 B50)

Ambient temperature $t_{a \max} = 50$ °C (100 %)

LED psu: 50,000 h
LED module: 105,000 h (L80 B50)

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: 56 luminaires
B 16A: 90 luminaires
C 10A: 56 luminaires
C 16A: 90 luminaires

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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	
70 913 Pole with anch.section	H 3500 mm
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
70 789 Pole with baseplate	H 3500 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
70 900 Pole with baseplate	H 4000 mm
70 902 Pole with baseplate	H 5000 mm

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

Light distribution