

BEGA

77 911

Pole top luminaire



Project · Reference number

Date

Product data sheet

Application

LED pole top luminaire with asymmetrical flat beam light distribution.
The asymmetrical and flat beam light distribution is suitable especially for the illumination of streets according to DIN EN 13201.
For mounting heights 4000 - 6000 mm.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
Synthetic cover with optical structure
Silicone gasket
Reflector made of pure anodised aluminium
For pole top \varnothing 76 mm
Slip fitter insert depth 135 mm
Connecting cable X05BQ-F 5 G 1 \square
Cable length 8 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 I
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: 0.22 m²
Weight: 12.5 kg

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

Lamp

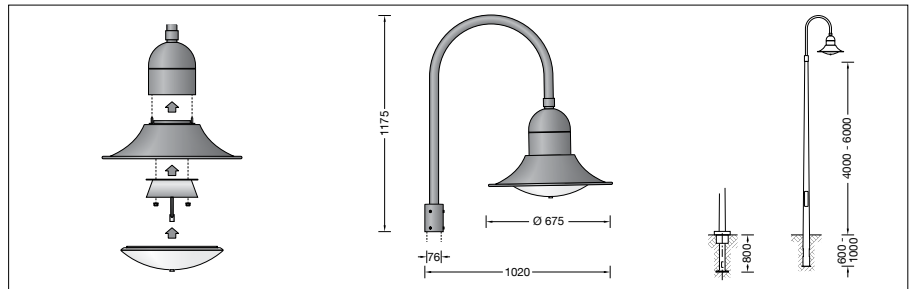
Module connected wattage 23.2 W
Luminaire connected wattage 25.8 W
Rated temperature $t_a = 25$ °C
Ambient temperature $t_{a,max} = 55$ °C

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Module designation 2x LED-0275/840
Colour temperature 4000 K
Colour rendering index CRI > 80
Module luminous flux 4640 lm
Luminaire luminous flux 3558 lm
Luminaire luminous efficiency 137,9 lm/W

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Module designation 2x LED-0275/830
Colour temperature 3000 K
Colour rendering index CRI > 80
Module luminous flux 4510 lm
Luminaire luminous flux 3448 lm
Luminaire luminous efficiency 133,6 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 163,000h: L70B50

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. 77 911

LED colour temperature optionally 4000K or 3000K
4000 K – Article number + **K4**
3000 K – Article number + **K3**

Accessories

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
70 928 Pole with baseplate H 4200 mm
70 926 Pole with baseplate H 5000 mm

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

Light distribution

