BEGA

77 025

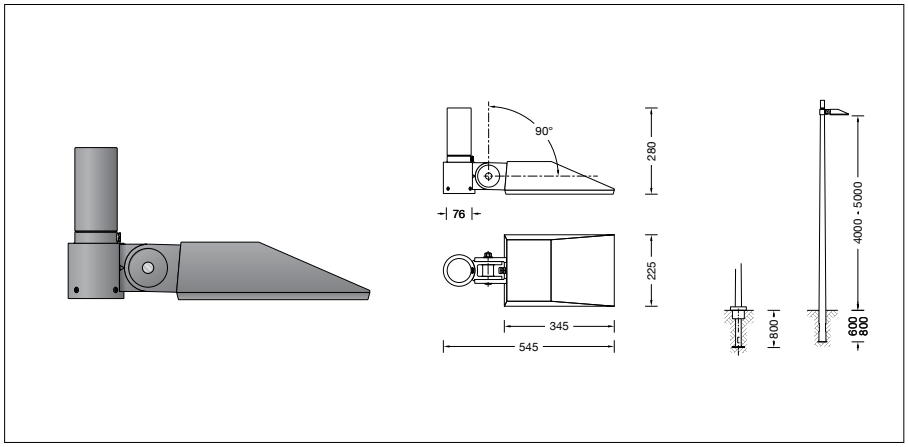
Pole top luminaire

10 IP 66

Project · Reference number

Date





Product data sheet

Product description
Luminaire made of aluminium alloy, aluminium and stainless steel
BEGA Unidure® coating technology
Clear safety glass
Silicone gasket
Reflector made of pure anodised aluminium
Attack angle adjustable in steps of 10° up to +90°
For pole top ø 76 mm
Slip fitter insert depth 95 mm
Connecting cable X05BQ-F 5 G 1 mm²
Cable length 5 m
BEGA Ultimate Driver®
Complies with flicker requirements in accordance with IEEE 1789, DIN IEC/TR 63158, DIN IEC/TR 61547-1
LED power supply unit
220-240 V ∿ 0/50-60 Hz
DC 176-264 V
DALI controllable
Number of DALI addresses: 1
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 I
Protection class IP 66
Dust-tight and protection against strong water jets
Impact strength IK10
Protection against mechanical impacts < 20 joule
10 – Safety mark
CE – Conformity mark
Horizontal wind catching area: 0.06 m²
Weight: 6.0 kg
This product contains light sources of energy efficiency class(es) B, C

Application
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 - 5000 mm.

Lamp

Module connected wattage	15.4 W
Luminaire connected wattage	17.5 W
Rated temperature	t_a = 25 °C
Ambient temperature	$t_{a\,max}$ = 50 °C

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Module designation	2x LED-0226/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	3090 lm
Luminaire luminous flux	2391 lm
Luminaire luminous efficiency	136,6 lm/W

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Module designation	2x LED-0226/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	3000 lm
Luminaire luminous flux	2322 lm
Luminaire luminous efficiency	132,7 lm/W

Service life · Ambient temperature
Rated temperature t_a = 25 °C
LED psu: > 50,000 h
LED module: > 200,000 h (L 80 B 50)
100,000 h (L 90 B 50)

Ambient temperature max. t_a = 50 °C (100 %)
LED psu: 50,000 h
LED module: > 200,000 h (L 80 B 50)
100,000 h (L 90 B 50)

Lighting technology
Luminaire data for the DIALux lighting design program for outdoor lighting, street lighting and indoor lighting, as well as luminaire data in EULUMDAT and IES format are available on the BEGA website at www.bega.com.

Dark Sky
The light of this luminaire is directed evenly and highly efficiently onto the surface to be illuminated. No light is emitted into the upper half-space of the luminaire.

Ratio of luminous flux

Luminous flux upper half-space	0 %
Luminous flux lower half-space	100 %

BUG rating according to IES TM-15-20:
1–0–1
CEN Flux Code according to EN 13032-2:
35–68–97–100–100

Inrush current
Inrush current: 5 A / 100 µs
Maximum number of luminaires of this type per miniature circuit breaker:
B 10 A: 56 luminaires
B 16 A: 90 luminaires
C 10 A: 56 luminaires
C 16 A: 90 luminaires

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
70 791	Pole with baseplate	H 4000 mm
70 792	Pole with baseplate	H 4500 mm
70 794	Pole with baseplate	H 5000 mm

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

Article No. 77 025
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

