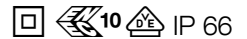


BEGA**77 759**

Pole top luminaire



Project · Reference number

Date



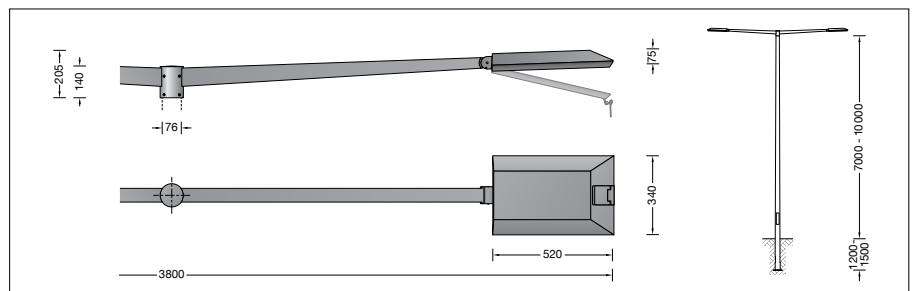
Product data sheet

Application

LED pole top luminaire with outrigger arm.
The asymmetrical and flat beam light distribution is suitable especially for the illumination of streets according to DIN EN 13201.
For mounting heights 7000 - 10000 mm.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
Safety glass, antireflection-coated
Silicone gasket
Reflector made of pure anodised aluminium
Toolless closure
For pole top \varnothing 76 mm
Slip fitter insert depth 90 mm
Connecting cable X05BQ-F 4 x 1 \square
Cable length 10 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 66
Dust-tight and protection against strong water jets
Impact strength IK08
Protection against mechanical impacts < 5 joule
 – Safety mark
 – Conformity mark
Horizontal wind catching area: 0.13 m²
Weight: 26.7 kg



Lamp

| | |
|-----------------------------|---|
| Module connected wattage | 2x 62 W |
| Luminaire connected wattage | 138 W |
| Rated temperature | $t_a = 25 \text{ }^\circ\text{C}$ |
| Ambient temperature | $t_{a \text{ max}} = 50 \text{ }^\circ\text{C}$ |

77 759 K4

| | |
|-------------------------------|-----------------|
| Module designation | 8x LED-0282/840 |
| Colour temperature | 4000 K |
| Colour rendering index | CRI > 80 |
| Module luminous flux | 24760 lm |
| Luminaire luminous flux | 19770 lm |
| Luminaire luminous efficiency | 143,3 lm/W |

77 759 K3

| | |
|-------------------------------|-----------------|
| Module designation | 8x LED-0282/830 |
| Colour temperature | 3000 K |
| Colour rendering index | CRI > 80 |
| Module luminous flux | 24080 lm |
| Luminaire luminous flux | 19226 lm |
| Luminaire luminous efficiency | 139,3 lm/W |

Service life of the LED

Ambient temperature $t_a = 25 \text{ }^\circ\text{C}$
– at > 500,000h: L70B50

max. ambient temperature $t_a = 50 \text{ }^\circ\text{C}$
– at 165,000h: 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.

Inrush current

Inrush current: 8 A / 100 μs
Maximum number of luminaires of this type per miniature circuit breaker:
B 10A: 13 luminaires
B 16A: 22 luminaires
C 10A: 13 luminaires
C 16A: 22 luminaires

Article No. 77 759

LED colour temperature optionally 4000K or 3000K
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 steel poles without visible welding seam - hot-dip galvanised and lacquered with access door and C-clamp
70 835 Pole with anch.section H 7000 mm
70 836 Pole with anch.section H 8000 mm
70 837 Pole with anch.section H 9000 mm

Tapered steel luminaire poles longitudinally seam-welded · hot-dip galvanised and lacquered with access door and C rail
71 004 Pole with anch.section H 7000 mm
71 006 Pole with anch.section H 8000 mm
71 008 Pole with anch.section H 9000 mm
71 010 Pole with anch.section H 10000 mm

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

Light distribution

