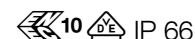


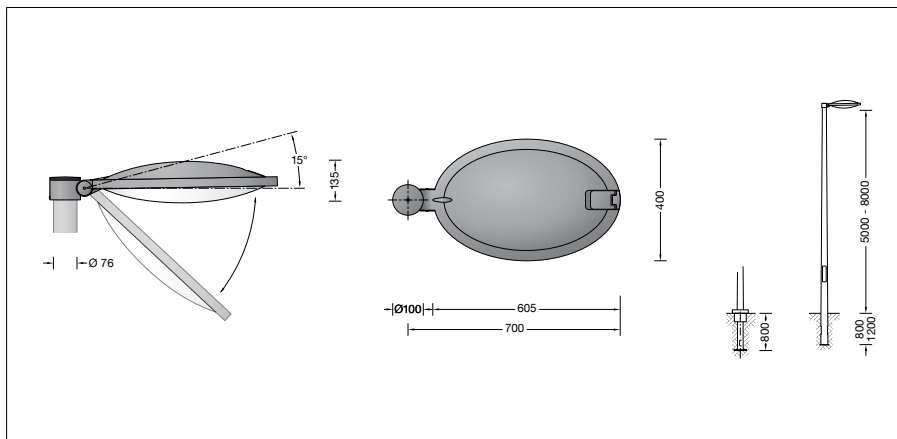
BEGA**77 520**

Pole top luminaire



Project · Reference number

Date



Product data sheet

Application

Pole top luminaire with asymmetrical flat beam light distribution.
For mounting heights 5000 - 8000 mm.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
BEGA Unidure® coating technology
Synthetic cover with optical structure
Silicone gasket
Reflector made of pure anodised aluminium
Toolless closure
Adjustable joint for beam direction 0° or 15°
For pole top $\varnothing$ 76 mm
Inner diameter of the pole min. 62 / max. 70 mm
Slip fitting insert depth 100 mm
Connecting cable X05BQ-F 5 G 1¹
Cable length 8 m
LED power supply unit
220-240 V $\sim$ 0/50-60 Hz
DC 170-280 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 I
Protection class IP 66
Dust-tight and protection against strong water jets
Impact strength IK10
Protection against mechanical impacts < 20 joule
 – Safety mark
 – Conformity mark
Horizontal wind catching area: 0.07 m²
Weight: 9.9 kg

Lamp

Module connected wattage 57.4 W
Luminaire connected wattage 64 W
Rated temperature $t_a = 25^\circ\text{C}$
Ambient temperature $t_{a\text{ max}} = 30^\circ\text{C}$

On request we can offer you modifications for environments with higher temperatures as a customized product.

77 520 K4

Module designation 2x LED-0622/840
Colour temperature 4000 K
Colour rendering index CRI > 80
Module luminous flux 7900 lm
Luminaire luminous flux 6780 lm
Luminaire luminous efficiency 105,9 lm/W

77 520 K3

Module designation 2x LED-0622/830
Colour temperature 3000 K
Colour rendering index CRI > 80
Module luminous flux 7900 lm
Luminaire luminous flux 6780 lm
Luminaire luminous efficiency 105,9 lm/W

Service life · Ambient temperature

Rated temperature $t_a = 25^\circ\text{C}$
LED psu: > 50,000 h
LED module: 200,000 h (L 80 B 50)
100,000 h (L 90 B 50)

Ambient temperature $t_{a\text{ max}} = 30^\circ\text{C}$ (100 %)

LED psu: 50,000 h
LED module: 145,000 h (L 80 B 50)

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: 10 A / 200 μs
Maximum number of luminaires of this type per miniature circuit breaker:
B 10A: 18 luminaires
B 16A: 30 luminaires
C 10A: 31 luminaires
C 16A: 51 luminaires

Article No. 77 520

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
70915 Pole with anch.section H 5000 mm
70916 Pole with anch.section H 6000 mm
70917 Pole with anch.section H 7000 mm
70726 Pole with anch.section H 8000 mm

Cylindrically stepped aluminium poles, lacquered with door und C rail
70903 Pole with anch.section H 5000 mm
70905 Pole with anch.section H 6000 mm
70902 Pole with baseplate H 5000 mm
70904 Pole with baseplate H 6000 mm

Tapered steel poles without visible welding seam · hot-dip galvanised and lacquered with access door and C-clamp
70886 Pole with anch.section H 5000 mm
70834 Pole with anch.section H 6000 mm
70835 Pole with anch.section H 7000 mm
70836 Pole with anch.section H 8000 mm

Tapered steel luminaire poles longitudinally seam-welded · hot-dip galvanised and lacquered with access door and C rail
71002 Pole with anch.section H 6000 mm
71004 Pole with anch.section H 7000 mm
71006 Pole with anch.section H 8000 mm

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

Light distribution