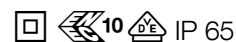


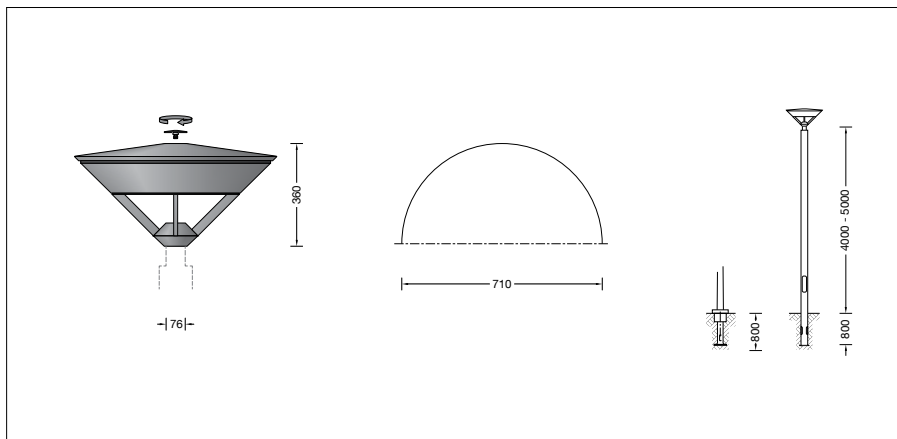
BEGA**84 403**

Pole top luminaire



Project · Reference number

Date



Product data sheet

Application

LED pole top luminaire with asymmetrical flat beam light distribution.
For mounting heights 4000 - 5000 mm.

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
BEGA Unidure® coating technology
Safety glass with optical structure
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 □
Cable length 6 m
LED power supply unit
220-240 V ~ 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 □
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK08
Protection against mechanical impacts < 5 joule
☞10 – Safety mark
CE – Conformity mark
Horizontal wind catching area: 0.14 m²
Weight: 14.2 kg

Lamp

Module connected wattage 23.2 W
Luminaire connected wattage 25.8 W
Rated temperature $t_a = 25\text{ °C}$
Ambient temperature $t_{a\text{ max}} = 65\text{ °C}$

84 403 K4

Module designation 2x LED-0403/840
Colour temperature 4000 K
Colour rendering index CRI > 80
Module luminous flux 4640 lm
Luminaire luminous flux 2604 lm
Luminaire luminous efficiency 100,9 lm/W

84 403 K3

Module designation 2x LED-0403/830
Colour temperature 3000 K
Colour rendering index CRI > 80
Module luminous flux 4510 lm
Luminaire luminous flux 2531 lm
Luminaire luminous efficiency 98,1 lm/W

Service life · Ambient temperature

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

Ambient temperature $t_{a\text{ max}} = 65\text{ °C}$ (100 %)

LED psu: 50,000 h
LED module: 66,000 h (L 80 B 50)
98,000 h (L 70 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: 5 A / 100 μ s
Maximum number of luminaires of this type per miniature circuit breaker:
B 10A: 35 luminaires
B 16A: 56 luminaires
C 10A: 35 luminaires
C 16A: 56 luminaires

Article No. 84 403

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
70914 Pole with anch.section H 4000 mm
70725 Pole with anch.section H 4500 mm
70915 Pole with anch.section H 5000 mm

70791 Pole with baseplate H 4000 mm
70792 Pole with baseplate H 4500 mm
70794 Pole with baseplate H 5000 mm

Cylindrical aluminium poles · lacquered with access door and C-clamp
70742 Pole with anch.section H 4000 mm
70743 Pole with anch.section H 4500 mm
70744 Pole with anch.section H 5000 mm

70732 Pole with baseplate H 3500 mm
70733 Pole with baseplate H 4000 mm

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

Light distribution