

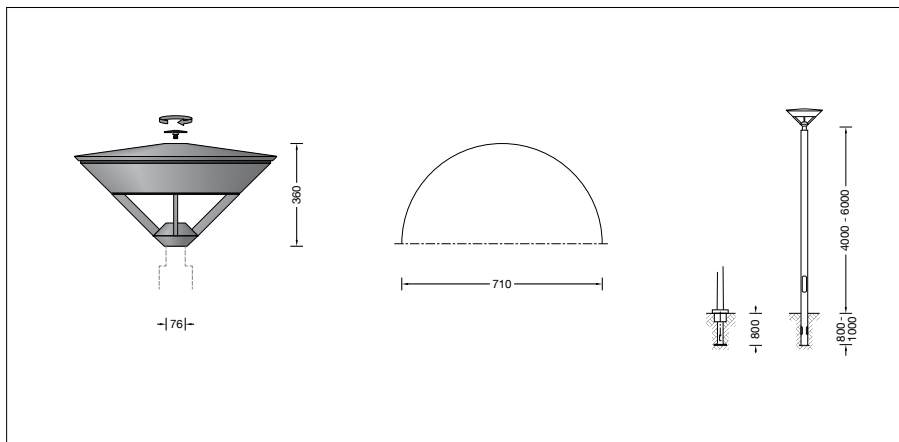
**BEGA****84 402**

Pole top luminaire

IP 65

Project · Reference number

Date



## Product data sheet

**Application**

LED pole-top luminaire with symmetrical light distribution.  
For mounting heights 4000 - 6000 mm.

**Product description**

Luminaire made of aluminium alloy,  
aluminium and stainless steel  
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<sup>□</sup>  
Cable length 6 m  
LED power supply unit  
220-240 V  $\sim$  0/50-60 Hz  
DC 170-280 V  
Dimmable 1-10 V

**SELV (safety extra-low voltage)**

A basic isolation exists between power cable  
and control line  
Luminaire: Protection class IP 65  
Dust-tight and protection against water jets  
Safety class II  $\square$   
Impact strength IK08  
Protection against mechanical  
impacts < 5 joule  
**CE** – Conformity mark  
Wind catching area: 0.14 m<sup>2</sup>  
Weight: 15.1 kg

**Lamp**

Module connected wattage 47.4 W  
Luminaire connected wattage 56 W  
Rated temperature  $t_a = 25^\circ\text{C}$   
Ambient temperature  $t_{a\text{ max}} = 45^\circ\text{C}$

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

**84 402 K4**

Module designation 6x LED-0683/840  
Colour temperature 4000 K  
Colour rendering index CRI > 80  
Module luminous flux 7110 lm  
Luminaire luminous flux 3915 lm  
Luminaire luminous efficiency 69,9 lm/W

**84 402 K3**

Module designation 6x LED-0683/830  
Colour temperature 3000 K  
Colour rendering index CRI > 80  
Module luminous flux 6750 lm  
Luminaire luminous flux 3717 lm  
Luminaire luminous efficiency 66,4 lm/W

**Lifetime of the LED**

Ambient temperature  $t_a = 15^\circ\text{C}$   
– at 50,000 h: L90 B10  
– at > 500,000 h: L70 B50

Ambient temperature  $t_a = 25^\circ\text{C}$   
– at 50,000 h: L90 B10  
– at 358,000 h: L70 B50

max. ambient temperature  $t_a = 45^\circ\text{C}$   
– at 50,000 h: L80 B50  
– at 108,000 h: L70 B50

**Inrush current**

Inrush current: 35 A / 400  $\mu\text{s}$   
Maximum number of luminaires of this  
type per miniature circuit breaker:  
B 10A: 4 luminaires  
B 16A: 7 luminaires  
C 10A: 7 luminaires  
C 16A: 12 luminaires

**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](http://www.bega.com).

**Article No. 84 402**

LED colour temperature optionally 4000 K  
or 3000 K  
4000 K – Article number  
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  
**70916** Pole with anch.section H 6000 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**