

**BEGA****84 407**

Pole top luminaire



Project · Reference number

Date

## Product data sheet

### Application

LED pole top luminaire with asymmetrical light distribution for in-depth illumination of surfaces and squares.

The adjustable attack angle allows a precise alignment of the light distribution to the surface to be illuminated.

For mounting heights 4000 - 6000 mm.

### Product description

Luminaire made of aluminium alloy, aluminium and stainless steel

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<sup>□</sup>

Cable length 6 m

LED power supply unit

220-240 V ~ 0/50-60 Hz

DC 176-276 V

DALI controllable

A basic isolation exists between power cable and control line

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: 0.06 m<sup>2</sup>

Weight: 6.4 kg

### Lamp

Module connected wattage 55.3 W

Luminaire connected wattage 61 W

Rated temperature  $t_a = 25\text{ °C}$

Ambient temperature  $t_{a\text{ max}} = 25\text{ °C}$

### 84 407 K4

Module designation LED-0773/840

Colour temperature 4000 K

Colour rendering index CRI > 80

Module luminous flux 7620 lm

Luminaire luminous flux 6674 lm

Luminaire luminous efficiency 109,4 lm/W

### 84 407 K3

Module designation LED-0773/830

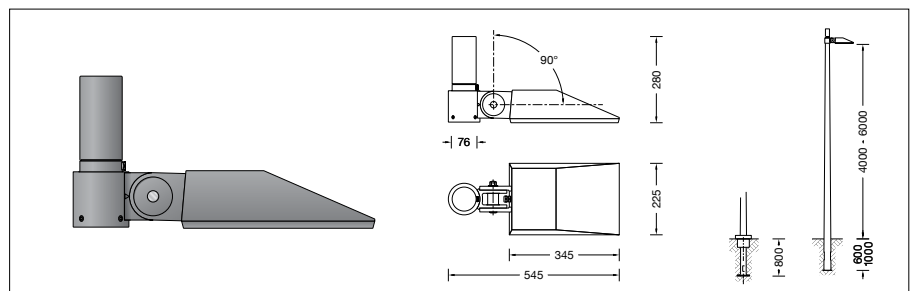
Colour temperature 3000 K

Colour rendering index CRI > 80

Module luminous flux 7620 lm

Luminaire luminous flux 6674 lm

Luminaire luminous efficiency 109,4 lm/W



### Service life · Ambient temperature

Rated temperature  $t_a = 25\text{ °C}$

LED psu: > 50,000h

LED module: 83,000h (L 80 B 50)

100,000h (L 70 B 50)

Ambient temperature  $t_{a\text{ max}} = 25\text{ °C}$  (100 %)

LED psu: 50,000h

LED module: 83,000h (L 80 B 50)

100,000h (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](http://www.bega.com).

### Inrush current

Inrush current: 10 A / 200 μs

Maximum number of luminaires of this

type per miniature circuit breaker:

B 10A: 19 luminaires

B 16A: 30 luminaires

C 10A: 31 luminaires

C 16A: 51 luminaires

### Article No. 84 407

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	
<b>70 914</b> Pole with anch.section	H 4000 mm
<b>70 725</b> Pole with anch.section	H 4500 mm
<b>70 915</b> Pole with anch.section	H 5000 mm
<b>70 916</b> Pole with anch.section	H 6000 mm
<b>70 791</b> Pole with baseplate	H 4000 mm
<b>70 792</b> Pole with baseplate	H 4500 mm
<b>70 794</b> Pole with baseplate	H 5000 mm

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

### Light distribution

