

BEGA**84 093**

Pole top luminaire



Project · Reference number

Date

Product data sheet

Application

LED pole top luminaire with unshielded light distribution.

Soft diffused light through white impact resistant synthetic diffuser.

For lighting paths, parks and pedestrian precincts in private or public sectors.

For mounting heights 3000 mm.

Product description

Luminaire made of cast aluminium, aluminium and stainless steel

White synthetic sphere

For pole top \varnothing 60 mm

Slip fitter insert depth 47 mm

Connecting cable X05BQ-F 5 G 1[□]

Cable length 3 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 I

Protection class IP 65

Dust-tight and protection against water jets

Impact strength IK10

Protection against mechanical

impacts < 20 joule

– Safety mark

CE – Conformity mark

Horizontal wind catching area: 0.16 m²

Weight: 4.6 kg

Lamp

Module connected wattage 27.6 W

Luminaire connected wattage 30.8 W

Rated temperature $t_a = 25\text{ }^\circ\text{C}$

Ambient temperature $t_{a,max} = 45\text{ }^\circ\text{C}$

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

84 093 K4

Module designation 6x LED-0539/840

Colour temperature 4000 K

Colour rendering index CRI > 80

Module luminous flux 4780 lm

Luminaire luminous flux 4074 lm

Luminaire luminous efficiency 132,3 lm/W

84 093 K3

Module designation 6x LED-0539/830

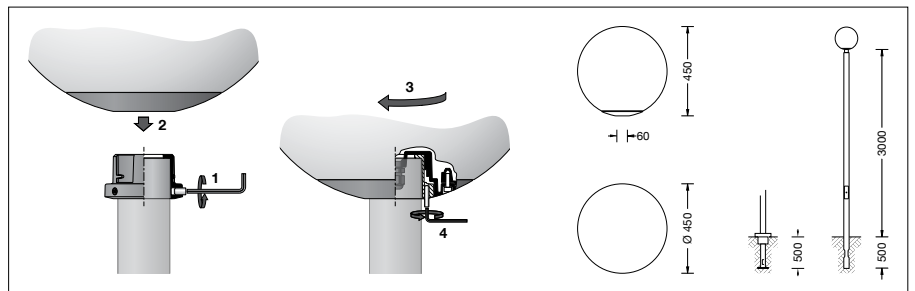
Colour temperature 3000 K

Colour rendering index CRI > 80

Module luminous flux 4425 lm

Luminaire luminous flux 3771 lm

Luminaire luminous efficiency 122,4 lm/W



Service life of the LED

Ambient temperature $t_a = 25\text{ }^\circ\text{C}$

– at 236,000h: L70B50

max. ambient temperature $t_a = 45\text{ }^\circ\text{C}$

– at 75,000h: L70B50

Inrush current

Inrush current: 5 A / 100 μs

Maximum number of luminaires of this type per miniature circuit breaker:

B10A: 27 luminaires

B16A: 44 luminaires

C10A: 27 luminaires

C16A: 44 luminaires

Article No. 84 093

LED colour temperature optionally 4000 K or 3000 K

4000 K – Article number + **K4**

3000 K – Article number + **K3**

Accessories

For this luminaire we recommend the following BEGA luminaire poles:

Cylindrical aluminium poles, lacquered with access door and C-clamp

70 752 Pole with anch. section H 3000 mm

70 723 Pole with baseplate H 3000 mm

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

Light distribution

