

BEGA**84 094**

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 4000 mm.

Product description

Luminaire made of cast aluminium, aluminium and stainless steel

White synthetic sphere

For pole top \varnothing 76 mm

Slip fitter insert depth 55 mm

Connecting cable X05BQ-F 5 G 1[□]

Cable length 4 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: 0.24 m²

Weight: 7.9 kg

Lamp

Module connected wattage 49.2 W

Luminaire connected wattage 54.6 W

Rated temperature $t_a = 25$ °C

Ambient temperature $t_{a,max} = 35$ °C

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

84 094 K4

Module designation 6x LED-0610/840

Colour temperature 4000 K

Colour rendering index CRI > 80

Module luminous flux 8290 lm

Luminaire luminous flux 6788 lm

Luminaire luminous efficiency 124,3 lm/W

84 094 K3

Module designation 6x LED-0610/830

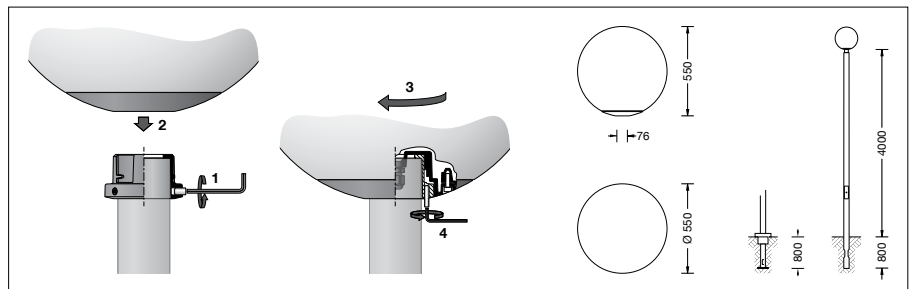
Colour temperature 3000 K

Colour rendering index CRI > 80

Module luminous flux 7675 lm

Luminaire luminous flux 6284 lm

Luminaire luminous efficiency 115,1 lm/W



Service life of the LED

Ambient temperature $t_a = 25$ °C

– at 155,000h: L70B50

max. ambient temperature $t_a = 35$ °C

– at 88,000h: L70B50

Inrush current

Inrush current: 5 A / 100 μ s

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. 84 094

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

70 738 Pole with anch.section H 4000 mm

70 728 Pole with baseplate H 4000 mm

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

Light distribution

