

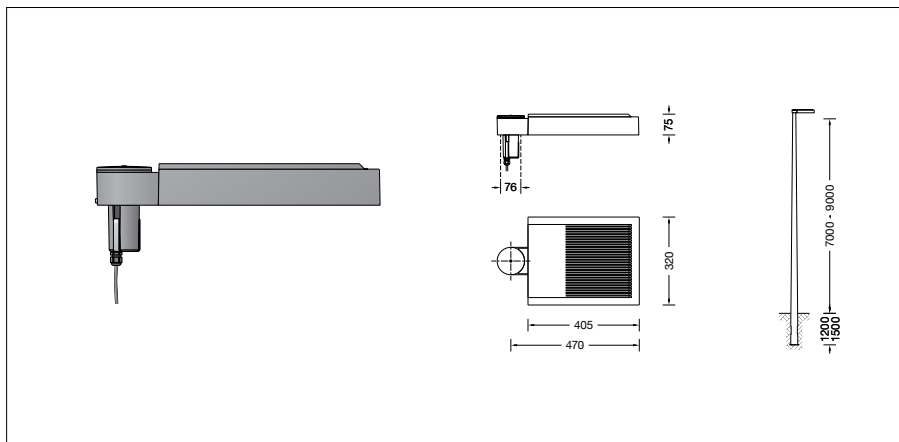
BEGA**84 585**

Pole top luminaire

□ IP 66

Project · Reference number

Date



Product data sheet

Application

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

For mounting heights 7000- 9000 mm.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
 BEGA Unidure® coating technology
 Safety glass, antireflection-coated
 Silicone gasket
 Reflector surface made of pure aluminium
 For pole top ø 76 mm
 Inner diameter of the pole min.62 / max.70 mm
 Slip fitter insert depth 100 mm
 Connecting cable X05BQ-F 4 x 1 □
 Cable length 9 m
 BEGA Ultimate Driver®
 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
 Safety class II □
 Protection class IP 66
 Dust-tight and protection against strong water jets
CE – Conformity mark
 Horizontal wind catching area: 0.035 m²

Lamp

Module connected wattage 46.5 W
 Luminaire connected wattage 51 W
 Rated temperature $t_a = 25\text{ °C}$
 Ambient temperature $t_{a\text{ max}} = 50\text{ °C}$

84 585 K3

Module designation LED-1096/830
 Colour temperature 3000 K
 Colour rendering index CRI > 80
 Module luminous flux 9020 lm
 Luminaire luminous flux* 6998 lm
 Luminaire luminous efficiency* 137,2 lm/W

84 585 K4

Module designation LED-1096/840
 Colour temperature 4000 K
 Colour rendering index CRI > 80
 Module luminous flux 9280 lm
 Luminaire luminous flux* 7200 lm
 Luminaire luminous efficiency* 141,2 lm/W

* preliminary data

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 $t_{a\text{ max}} = 50\text{ °C}$ (100 %)
 LED psu: 50,000 h
 LED module: 100,000 h (L 80 B 50)

Inrush current

Inrush current: 5 A / 100 µs
 Maximum number of luminaires of this type per miniature circuit breaker:

B 10A: 18 luminaires
 B 16A: 28 luminaires
 C 10A: 18 luminaires
 C 16A: 28 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.

Article No. 84 585

LED colour temperature optionally 3000 K or 4000 K
 3000 K – Article number + **K3**
 4000 K – Article number + **K4**

Accessories

For this luminaire we recommend the following BEGA luminaire poles:

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

70917 Pole with anch.section H 7000 mm

70726 Pole with anch.section H 8000 mm

Tapered steel poles without visible welding seam · hot-dip galvanised and lacquered with access door and C-clamp

70835 Pole with anch.section H 7000 mm

70836 Pole with anch.section H 8000 mm

70837 Pole with anch.section H 9000 mm

Tapered steel luminaire poles longitudinally seam-welded · hot-dip galvanised and lacquered with access door and C rail

71004 Pole with anch.section H 7000 mm

71006 Pole with anch.section H 8000 mm

71008 Pole with anch.section H 9000 mm

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

Light distribution