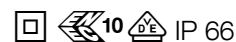


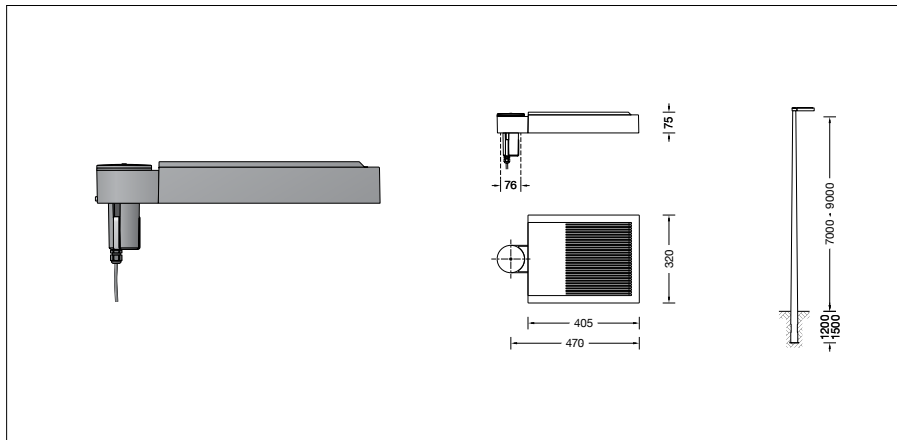
BEGA**84 585**

Pole top luminaire



Project · Reference number

Date



Product data sheet

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
 BEGA Unidure® coating technology
 Colour graphite
 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 × 1 mm²
 Cable length 9 m
 BEGA Ultimate Driver®
 Complies with flicker requirements in accordance with IEEE 1789, DIN IEC/TR 63158, DIN IEC/TR 61547-1
 LED power supply unit
 220-240 V ~ 0/50-60 Hz
 DC 176-264 V
 DALI controllable
 Number of DALI addresses: 1
 A basic isolation exists between power cable and control line
 BEGA Thermal Control®
 Temporary thermal regulation to protect temperature-sensitive components without switching off the luminaire
 Safety class II
 Protection class IP 66
 Dust-tight and protection against strong water jets
 Impact strength IK08
 Protection against mechanical impacts < 5 joule
 – Safety mark
 – Conformity mark
 Horizontal wind catching area: 0.035 m²
 Weight: 8.0 kg
 This product contains light sources of energy efficiency class(es) C

Application

Pole top luminaire with asymmetrical light distribution for in-depth illumination of surfaces and squares.
 For mounting heights 7000-9000 mm.

Dark Sky

The light of this luminaire is directed evenly and highly efficiently onto the surface to be illuminated. No light is emitted into the upper half-space of the luminaire.

Lamp

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

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	7692 lm
Luminaire luminous efficiency	150,8 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	7914 lm
Luminaire luminous efficiency	155,2 lm/W

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 max. $t_a = 50\text{ °C}$ (100 %)

LED psu:	50,000 h
LED module:	> 200,000 h (L 80 B 50)
	100,000 h (L 90 B 50)

Lighting technology

Luminaire data for the DIALux lighting design program for outdoor lighting, street lighting and indoor lighting, as well as luminaire data in EULUMDAT and IES format are available on the BEGA website at www.bega.com.

Inrush current

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

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

Ratio of luminous flux

Luminous flux upper half-space	0 %
Luminous flux lower half-space	100 %

BUG rating according to IES TM-15-07:

0–0–2

CEN Flux Code according to EN 13032-2:
 37–72–95–100–100

BEGA Constant Optics®

BEGA Constant Optics® is an efficient optical system that is virtually impervious to wear and tear. The durable materials used, including glass, pure aluminium and silicone, show no effects of ageing, even under extreme conditions like high temperatures and UV radiation.

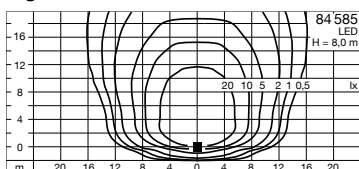
Accessories

For this luminaire we recommend the following BEGA luminaire poles:

Tapered aluminium poles, lacquered with access door and C-clamp
70 917 Pole with anch.section H 7000 mm
70 726 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
70 835 Pole with anch.section H 7000 mm
70 836 Pole with anch.section H 8000 mm
70 837 Pole with anch.section H 9000 mm

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

Light distribution

Article No. 84 585

LED colour temperature optionally 3000 K
or 4000 K

3000 K – Article number + **K3**

4000 K – Article number + **K4**