

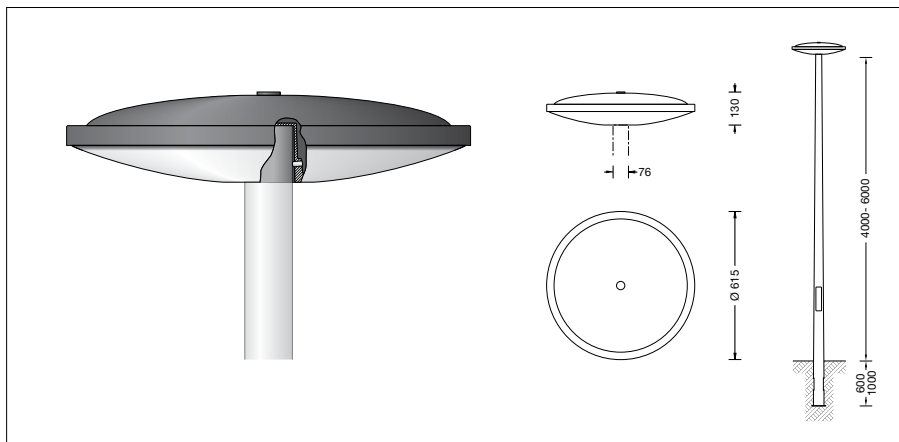
BEGA**88 164**

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 or silver
 Synthetic diffuser with white light-diffusing matt finish
 Silicone gasket
 For pole top $\varnothing$ 76 mm
 Slip fitter insert depth 85 mm
 Connecting cable X05BQ-F 5 G 1 mm²
 Cable length 6 m
 LED power supply unit
 220-240 V ~ 0/50-60 Hz
 DC 196-250 V
 DALI controllable
 Number of DALI addresses: 1
 A basic isolation exists between power cable and control line
 BEGA Thermal Switch®
 Temporary thermal shutdown to protect temperature-sensitive components
 Safety class I
 Protection class IP 65
 Dust-tight and protection against water jets
 Impact strength IK09
 Protection against mechanical impacts < 10 joule
 – Safety mark
 – Conformity mark
 Horizontal wind catching area: 0.06 m²
 Weight: 6.0 kg
 This product contains light sources of energy efficiency class(es) C, D

Inrush current

Inrush current: 5 A / 50 μ s
 Maximum number of luminaires of this type per miniature circuit breaker:
 B10A: 31 luminaires
 B16A: 50 luminaires
 C10A: 52 luminaires
 C16A: 85 luminaires

Application

Pole-top luminaire with symmetrical light distribution.
 For mounting heights 4000 - 6000 mm.

Lamp

Module connected wattage 24 W
 Luminaire connected wattage 27.5 W
 Rated temperature $t_a = 25^\circ\text{C}$
 Ambient temperature $t_{a, \max} = 45^\circ\text{C}$

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

88 164 K4

Module designation 4x LED-0601/840
 Colour temperature 4000 K
 Colour rendering index CRI > 80
 Module luminous flux 4200 lm
 Luminaire luminous flux 2873 lm
 Luminaire luminous efficiency 104,5 lm/W

88 164 K3

Module designation 4x LED-0601/830
 Colour temperature 3000 K
 Colour rendering index CRI > 80
 Module luminous flux 4000 lm
 Luminaire luminous flux 2736 lm
 Luminaire luminous efficiency 99,5 lm/W

Service life · Ambient temperature

Rated temperature $t_a = 25^\circ\text{C}$
 LED psu: > 50,000 h
 LED module: 120,000 h (L80 B50)

Ambient temperature max. $t_a = 45^\circ\text{C}$ (100 %)
 LED psu: 50,000 h
 LED module: 110,000 h (L80 B50)

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.

Ratio of luminous flux

Luminous flux upper half-space 1,4 %
 Luminous flux lower half-space 98,6 %

BUG rating according to IES TM-15-07:

1–2–1

CEN Flux Code according to EN 13032-2:

46–76–93–99–100–3–3–6–1

Accessories

For this luminaire we recommend the following BEGA luminaire poles:

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

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

Cylindrically stepped aluminium poles

lacquered · with door und C rail		
70 901	Pole with anch.section	H 4000 mm
70 903	Pole with anch.section	H 5000 mm
70 905	Pole with anch.section	H 6000 mm
70 900	Pole with baseplate	H 4000 mm
70 902	Pole with baseplate	H 5000 mm
70 904	Pole with baseplate	H 6000 mm

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

Article No. 88 164

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**

Light distribution