

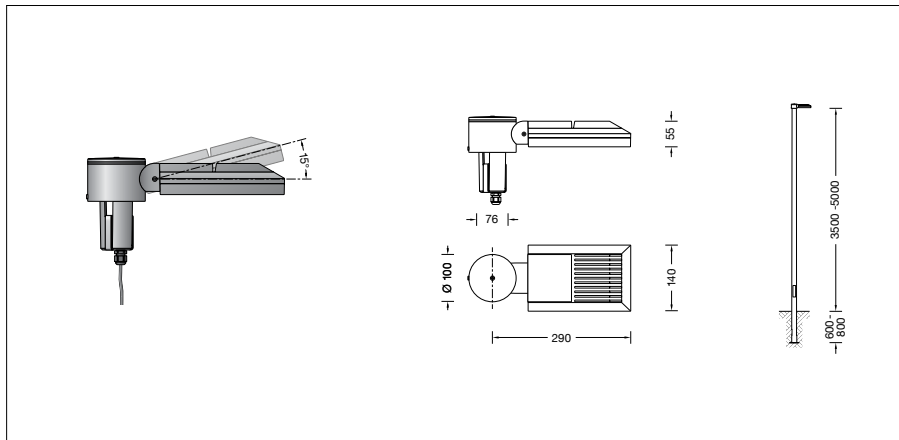
BEGA**84 484**

Pole top luminaire



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 4000 - 6000 mm.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
 BEGA Unidure® coating technology
 Safety glass with optical structure
 Silicone gasket
 Reflector made of pure anodised aluminium
 Attack angle adjustable 0° or 15°
 For pole top $\varnothing$ 76 mm
 Inner diameter of the pole min.62 / max.70 mm
 Slip fitter insert depth 100 mm
 Connecting cable X05BQ-F 5 G 1 □
 Cable length 6 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
 BEGA Thermal Control®
 Temporary thermal regulation to protect temperature-sensitive components without switching off the luminaire
 Safety class I
 Protection class IP 66
 Dust-tight and protection against strong water jets
 – Safety mark
 – Conformity mark
 Horizontal wind catching area: 0.02 m²
 Weight: 3.4 kg

Lamp

Module connected wattage 23.9 W
 Luminaire connected wattage 26.6 W
 Rated temperature $t_a = 25\text{ °C}$
 Ambient temperature $t_{a\text{ max}} = 40\text{ °C}$

84 484 K3

Module designation LED-1071/830
 Colour temperature 3000 K
 Colour rendering index CRI > 80
 Module luminous flux 4090 lm
 Luminaire luminous flux 2582 lm
 Luminaire luminous efficiency 97,1 lm/W

84 484 K4

Module designation LED-1071/840
 Colour temperature 4000 K
 Colour rendering index CRI > 80
 Module luminous flux 4320 lm
 Luminaire luminous flux 2728 lm
 Luminaire luminous efficiency 102,6 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 $t_{a\text{ max}} = 40\text{ °C}$ (100 %)
 LED psu: 50,000 h
 LED module: 195,000 h (L 80 B 50)

Ambient temperature $t_{a\text{ max}} = 50\text{ °C}$ (85 %)
 LED psu: 50,000 h
 LED module: > 50,000 h (L 70 B 50)

BEGA Thermal Control® protects temperature-sensitive luminaire components by temporarily limiting the nominal power at high temperatures.

Inrush current

Inrush current: 5 A / 100 μ s
 Maximum number of luminaires of this type per miniature circuit breaker:
 B 10 A: luminaires
 B 16 A: 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. 84 484

LED colour temperature optionally 3000 K or 4000 K

3000 K – Article number + **K3**
 4000 K – Article number + **K4**

Colour graphite or silver
 graphite – article number
 silver – article number + **A**

Accessories

For this luminaire we recommend the following BEGA luminaire poles:

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

70914 Pole with anch.section	H 4000 mm
70725 Pole with anch.section	H 4500 mm
70915 Pole with anch.section	H 5000 mm
70916 Pole with anch.section	H 6000 mm
70791 Pole with baseplate	H 4000 mm
70792 Pole with baseplate	H 4500 mm
70794 Pole with baseplate	H 5000 mm

Cylindrically stepped aluminium poles lacquered · with door und C rail

70901 Pole with anch.section	H 4000 mm
70903 Pole with anch.section	H 5000 mm
70905 Pole with anch.section	H 6000 mm
70900 Pole with baseplate	H 4000 mm
70902 Pole with baseplate	H 5000 mm
70904 Pole with baseplate	H 6000 mm

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

Light distribution