

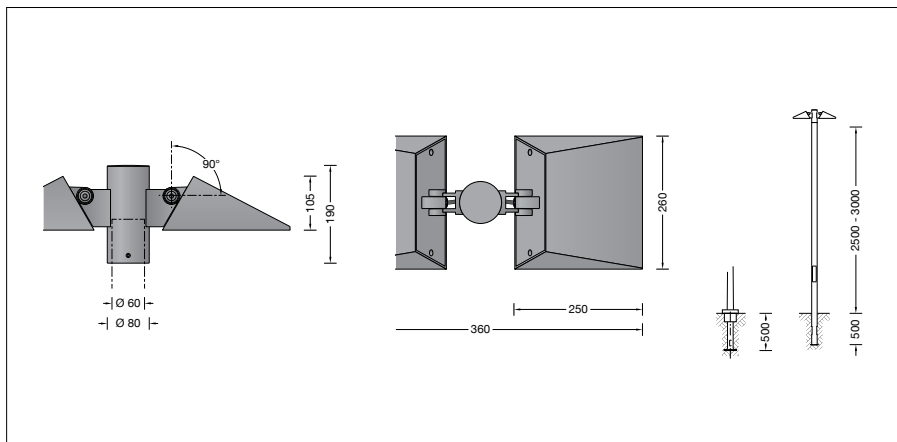
BEGA**84 104**

Pole top luminaire



Project · Reference number

Date



Product data sheet

Application

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

The adjustable attack angle allows a precise alignment of the light distribution to the surface to be illuminated.

For mounting heights 2500 - 3000 mm.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
BEGA Unidure® coating technology
Safety glass

Reflector surface made of pure aluminium

Swivel range 0°/90°

For pole top \varnothing 60 mm

Slip fitter insert depth 95 mm

2 x Connecting cable X05BQ-F 5G 1[□]

Cable length 3,5 m

LED power supply unit

220-240 V \sim 0/50-60 Hz

DC 176-276 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 65

Dust-tight and protection against water jets

Impact strength IK08

Protection against mechanical

impacts < 5 joule

– Safety mark

– Conformity mark

Horizontal wind catching area: 0.06 m²

Weight: 7.2 kg

Lamp

Module connected wattage	2x 19.4 W
Luminaire connected wattage	44.4 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a,max} = 50\text{ °C}$

84 104 K4

Module designation	2x LED-0872/940
Colour temperature	4000 K
Colour rendering index	CRI >90
Module luminous flux	6620 lm
Luminaire luminous flux	5321 lm
Luminaire luminous efficiency	119,8 lm/W

84 104 K3

Module designation	2x LED-0872/930
Colour temperature	3000 K
Colour rendering index	CRI >90
Module luminous flux	6260 lm
Luminaire luminous flux	5033 lm
Luminaire luminous efficiency	113,4 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 $t_{a,max} = 50\text{ °C}$ (100 %)

LED psu:	50,000 h
LED module:	91,000 h (L 80 B 50) 100,000 h (L 70 B 50)

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.

Inrush current

Inrush current: 12 A / 24.2 μ s
Maximum number of luminaires of this type per miniature circuit breaker:

B 10A:	50 luminaires
B 16A:	50 luminaires
C 10A:	50 luminaires
C 16A:	50 luminaires

Article No. 84 104

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**

Accessories

For this luminaire we recommend the following BEGA luminaire poles:

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

70 741 Pole with anch.section H 2500 mm

70 752 Pole with anch.section H 3000 mm

70 722 Pole with baseplate H 2500 mm

70 723 Pole with baseplate H 3000 mm

70 896 Anchor. unit for pole 70 722 · 70 723

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

Light distribution