

BEGA**84 043**

Pole top luminaire



Project · Reference number

Date

Product data sheet

Application

LED pole top luminaire with crystal glass for the illumination of surfaces and paths.

The used LED technique offers durability and optimal light output with low power consumption at the same time.
For mounting heights 3000–3700 mm.

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
Luminaire top made of copper
Crystal glass
Silicone gasket
For pole top \varnothing 76 mm
Slip fitter insert depth 100 mm
Connecting cable H05VV-F 3G 1[□]
Cable length 3,5 m
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 198-280 V
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
 – Safety mark
CE – Conformity mark
Wind catching area: 0.3 m²
Weight: 16.0 kg

Inrush current

Inrush current: 5 A / 50 μ s
Maximum number of luminaires of this
type per miniature circuit breaker:
B 10A: 30 luminaires
B 16A: 50 luminaires
C 10A: 52 luminaires
C 16A: 80 luminaires

Accessories

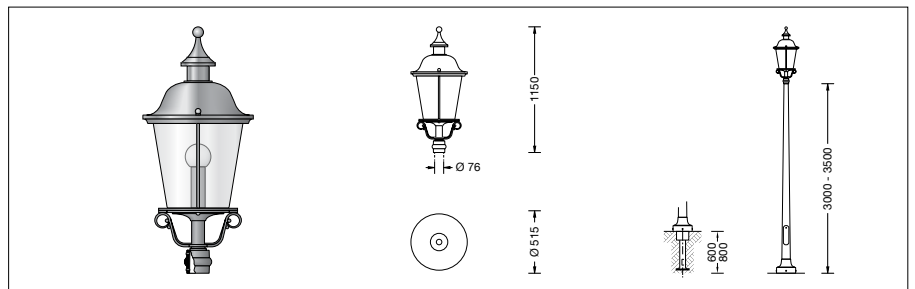
For this luminaire we recommend the following
BEGA luminaire poles:

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

70 986	Pole with baseplate	H 3000 mm
70 788	Pole with baseplate	H 3000 mm
70 786	Pole with baseplate	H 3500 mm
70 789	Pole with baseplate	H 3500 mm
70 911	Pole with anch.section	H 3000 mm
70 918	Pole with anch.section	H 3000 mm
70 912	Pole with anch.section	H 3500 mm
70 913	Pole with anch.section	H 3500 mm

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

For the accessories a separate instructions
for use can be provided upon request.



Lamp

Module connected wattage	17.5 W
Luminaire connected wattage	21 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 35^\circ\text{C}$

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

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Module designation	LED-0485/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2120 lm
Luminaire luminous flux	1207 lm
Luminaire luminous efficiency	57,5 lm/W

Service life of the LED

Ambient temperature $t_a = 25^\circ\text{C}$	– at 240,000h: L70B50
max. ambient temperature $t_a = 35^\circ\text{C}$	– at 180,000h: L70B50

Copper

The luminaire parts made of solid copper are
delivered with the metal's natural surface colour.
Time and weather factors create the natural
patina characteristic for copper.

Light distribution

