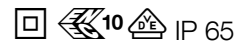


BEGA

84 121

Pole top luminaire



Project · Reference number

Date

Product data sheet

Application

LED pole top luminaire with asymmetrical flat beam light distribution.
For mounting heights 4000 - 6000 mm.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
Synthetic cover with optical structure
Silicone gasket
Reflector made of pure anodised aluminium
For pole top \varnothing 76 mm
Slip fitter insert depth 90 mm
Connecting cable X05BQ-F 4 x 1[□]
Cable length 6 m
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-264 V
During DC operation the LED power is reduced to 50 %
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 II
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK04
Protection against mechanical impacts < 0.5 joule
 – Safety mark
 – Conformity mark
Horizontal wind catching area: 0.142 m²
Weight: 9.7 kg



Lamp

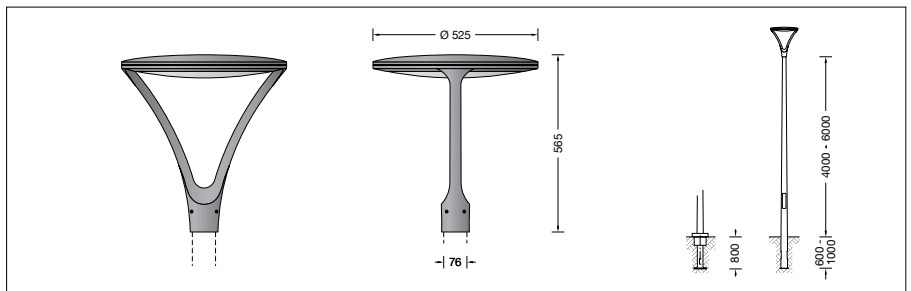
Module connected wattage	23.2 W
Luminaire connected wattage	25.8 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{max}} = 55\text{ °C}$

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Module designation	LED-0472/840 + LED-0469/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	4640 lm
Luminaire luminous flux	2491 lm
Luminaire luminous efficiency	96,6 lm/W

84 121 K3

Module designation	LED-0472/830 + LED-0469/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	4500 lm
Luminaire luminous flux	2415 lm
Luminaire luminous efficiency	93,6 lm/W



Service life of the LED

Ambient temperature $t_a = 25\text{ °C}$
– at > 500,000h: L70B50
max. ambient temperature $t_a = 55\text{ °C}$
– at 89,000h: L70B50

Article No. 84 121

LED colour temperature optionally 4000K or 3000K
4000 K – Article number + **K4**
3000 K – Article number + **K3**
Colour graphite or silver
graphite – article number
silver – article number + **A**

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: 5 A / 100 μ s
Maximum number of luminaires of this type per miniature circuit breaker:
B10A: 27 luminaires
B16A: 44 luminaires
C10A: 27 luminaires
C16A: 44 luminaires

Light distribution

