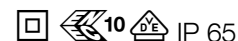


BEGA**77 135**

Pole top luminaire



Project · Reference number

Date

Product data sheet

Application

LED pole-top luminaire with symmetrical light distribution.

For mounting heights 4000 - 6000 mm.

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
Synthetic diffuser, clear
Silicone gasket
Reflector made of pure anodised aluminium
For pole top \varnothing 76 mm
Slip fitter insert depth 110 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 IK10
Protection against mechanical
impacts < 20 joule
 – Safety mark
CE – Conformity mark
Horizontal wind catching area: 0.15 m²
Weight: 10.4 kg

Inrush current

Inrush current: 5 A / 100 μ s

Maximum number of luminaires of this
type per miniature circuit breaker:

B 10A: 27 luminaires

B 16A: 44 luminaires

C 10A: 27 luminaires

C 16A: 44 luminaires

Lamp

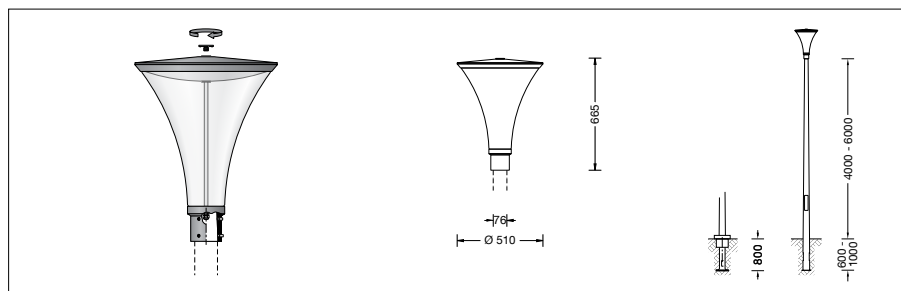
Module connected wattage	23.2 W
Luminaire connected wattage	25.9 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 55$ °C

77 135 K4

Module designation	8x LED-0412/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	4640 lm
Luminaire luminous flux	2611 lm
Luminaire luminous efficiency	100,8 lm/W

77 135 K3

Module designation	8x LED-0412/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	4520 lm
Luminaire luminous flux	2543 lm
Luminaire luminous efficiency	98,2 lm/W



Service life of the LED

Ambient temperature $t_a = 25$ °C
– at > 500,000h: L70B50

max. ambient temperature $t_a = 55$ °C
– at 143,000h: L70B50

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. 77 135

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 distribution

