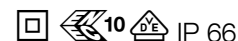


BEGA**77 827**

Side-mounted pole luminaire



Project · Reference number

Date

Product data sheet

Application

LED side-mounted pole luminaire with asymmetrical flat beam light distribution for bracket poles.

The asymmetrical and flat beam light distribution is suitable especially for the illumination of streets according to DIN EN 13201.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
 Safety glass, antireflection-coated
 Silicone gasket
 Reflector made of pure anodised aluminium
 Toolless closure
 Adjustable joint for beam direction 0° or 15°
 For connecting nozzle \varnothing 42 mm
 Slip fitter insert depth 110 mm
 Connecting cable X05BQ-F 4 x 1[□]
 Cable length 7 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
 Safety class II
 Protection class IP 66
 Dust-tight and protection against strong water jets
 Impact strength IK08
 Protection against mechanical impacts < 5 joule
 – Safety mark
 – Conformity mark
 Horizontal wind catching area: 0.03 m²
 Weight: 4.3 kg

Lamp

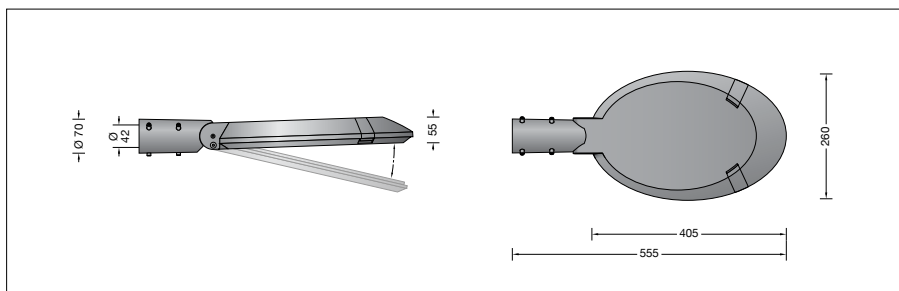
Module connected wattage	11.6 W
Luminaire connected wattage	13 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a,max} = 65\text{ °C}$

77 827 K4

Module designation	2x LED-0415/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2320 lm
Luminaire luminous flux	1895 lm
Luminaire luminous efficiency	145,8 lm/W

77 827 K3

Module designation	2x LED-0415/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2250 lm
Luminaire luminous flux	1953 lm
Luminaire luminous efficiency	150,2 lm/W



Service life of the LED

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

max. ambient temperature $t_a = 65\text{ °C}$
 – at 151,000h: 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.

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

Article No. 77 827

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**

Light distribution

