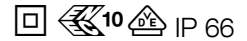


BEGA**99 427**

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 ø 42 mm
 Slip fitter insert depth 110 mm
 Connecting cable X05BQ-F 4 × 1 □
 Cable length 10 m
 LED power supply unit
 220-240 V ~ 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 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: 0.028 m²
 Weight: 5.0 kg

Lamp

| | |
|-----------------------------|-------------------------------------|
| Module connected wattage | 23.2 W |
| Luminaire connected wattage | 26.1 W |
| Rated temperature | $t_a = 25 \text{ °C}$ |
| Ambient temperature | $t_{a \text{ max}} = 55 \text{ °C}$ |

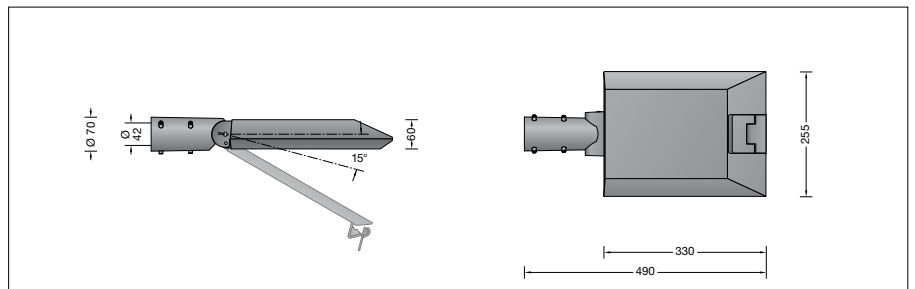
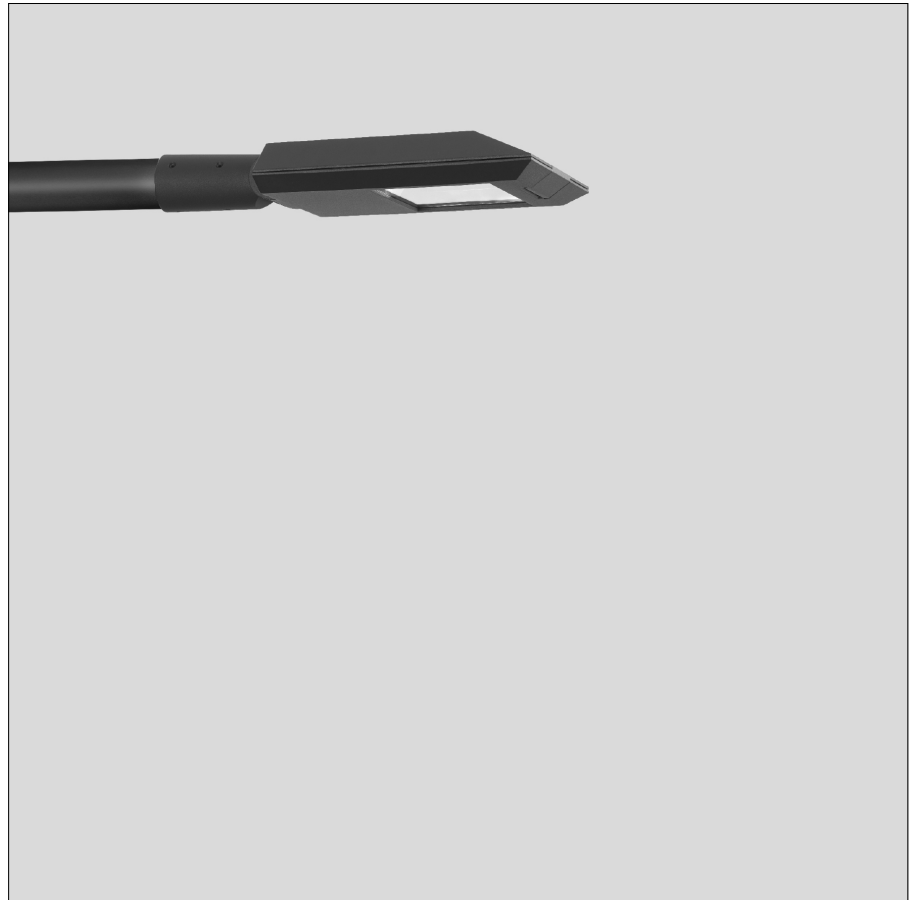
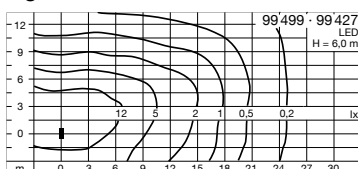
99 427 K4

| | |
|-------------------------------|-----------------|
| Module designation | 2x LED-0848/840 |
| Colour temperature | 4000 K |
| Colour rendering index | CRI > 80 |
| Module luminous flux | 4640 lm |
| Luminaire luminous flux | 3688 lm |
| Luminaire luminous efficiency | 141,3 lm/W |

99 427 K3

| | |
|-------------------------------|-----------------|
| Module designation | 2x LED-0848/830 |
| Colour temperature | 3000 K |
| Colour rendering index | CRI > 80 |
| Module luminous flux | 4510 lm |
| Luminaire luminous flux | 3585 lm |
| Luminaire luminous efficiency | 137,4 lm/W |

Light distribution



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 193,000h: 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:

| | |
|-------|---------------|
| B10A: | 27 luminaires |
| B16A: | 44 luminaires |
| C10A: | 27 luminaires |
| C16A: | 44 luminaires |

Article No. 99 427

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**