

BEGA**99 856**

Bollard head



Project · Reference number

Date

Product data sheet

Application

Bollard head with shielded light. Light exit 360°. The light is deflected by means of a conical reflector onto the surface to be illuminated. For usage in the modular LED bollard concept.

Product description

Luminaire made of cast aluminium, aluminium and stainless steel
 Borosilicate glass
 Silicone gasket
 All-side light output 360°
 Connecting cable X05BQ-F 5G.1[†]
 Cable length 1,2 m
 LED power supply unit
 220-240 V ~ 0/50-60 Hz
 DC 176-280 V
 DC Start ≥ 190 V
 DALI controllable
 A basic isolation exists between power cable and control line
 Safety class I
 Protection class IP 65
 Dust-tight and protection against water jets
 Impact strength IK06
 Protection against mechanical impacts < 1 joule
 – Safety mark
CE – Conformity mark
 Weight: 4.6 kg

Inrush current

Inrush current: 24 A / 115 μs
 Maximum number of luminaires of this type per miniature circuit breaker:
 B 10A: 31 luminaires
 B 16A: 51 luminaires
 C 10A: 53 luminaires
 C 16A: 86 luminaires

Lamp

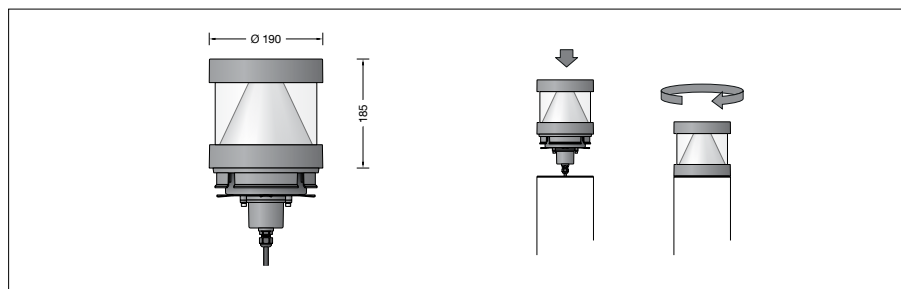
Module connected wattage 16.5 W
 Luminaire connected wattage 20 W
 Rated temperature $t_a = 25\text{ °C}$
 Ambient temperature $t_{a,max} = 55\text{ °C}$

99 856 K3

Module designation LED-0382/830
 Colour temperature 3000 K
 Colour rendering index CRI > 80
 Module luminous flux 2255 lm
 Luminaire luminous flux 1838 lm
 Luminaire luminous efficiency 91,9 lm/W

99 856 K4

Module designation LED-0382/840
 Colour temperature 4000 K
 Colour rendering index CRI > 80
 Module luminous flux 2255 lm
 Luminaire luminous flux 1838 lm
 Luminaire luminous efficiency 91,9 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 137,000h: 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. 99 856

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

Light distribution

