

BEGA**99 862**

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
 Clear safety glass
 Silicone gasket
 All-side light output 360°
 Connecting cable X05BQ-F 5 G 1[□]
 Cable length 1,3 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 IK10
 Protection against mechanical impacts < 20 joule
 – Safety mark
 – Conformity mark
 Weight: 3.8 kg

Lamp

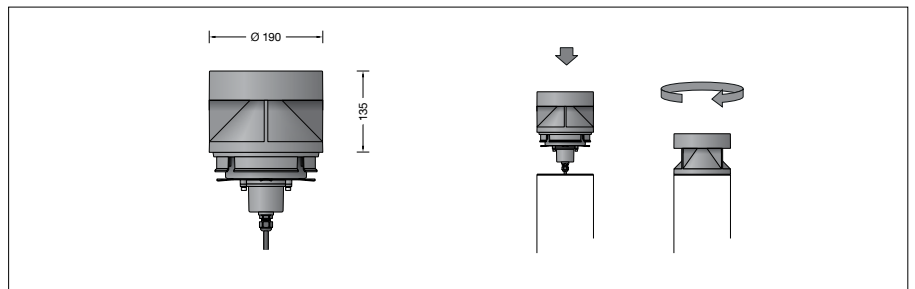
Module connected wattage	16.5 W
Luminaire connected wattage	20 W
Rated temperature	$t_a = 25 \text{ }^\circ\text{C}$
Ambient temperature	$t_{a \text{ max}} = 55 \text{ }^\circ\text{C}$

99 862 K3

Module designation	LED-0382/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2255 lm
Luminaire luminous flux	1286 lm
Luminaire luminous efficiency	64,3 lm/W

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Module designation	LED-0382/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2255 lm
Luminaire luminous flux	1286 lm
Luminaire luminous efficiency	64,3 lm/W



Service life of the LED

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

max. ambient temperature $t_a = 55 \text{ }^\circ\text{C}$
 – 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.

Inrush current

Inrush current: 24 A / 115 μs
 Maximum number of luminaires of this type per miniature circuit breaker:
 B10A: 31 luminaires
 B16A: 51 luminaires
 C10A: 53 luminaires
 C16A: 86 luminaires

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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

