

BEGA**99 857**

Bollard head



Project · Reference number

Date

Product data sheet

Application

Bollard head with shielded light. Light exit 180°. 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 aluminium alloy,
aluminium and stainless steel
Borosilicate glass
Silicone gasket
Single side light exit 180°
Connecting cable X05BQ-F 5 G 1[□]
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: 4.9 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

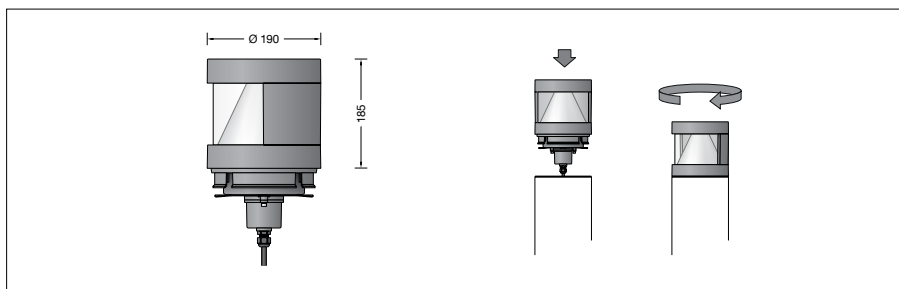
Module connected wattage	16.5 W
Luminaire connected wattage	20 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{max}} = 55\text{ °C}$

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Module designation	LED-0382/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2255 lm
Luminaire luminous flux	923 lm
Luminaire luminous efficiency	46,2 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	923 lm
Luminaire luminous efficiency	46,2 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.

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LED colour temperature optionally 3000 K
or 4000 K
3000 K – Article number + **K3**
4000 K – Article number + **K4**

Colour graphite or silver
graphite – article number
silver – article number + **A**

Light distribution

