

BEGA**99 853**

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 cast aluminium, aluminium and stainless steel
 Borosilicate glass
 Silicone gasket
 Single side light exit 180°
 Connecting cable H05VV-F 3 G 1[□]
 Cable length 1 m
 LED power supply unit
 220-240 V ~ 0/50-60 Hz
 DC 176-264 V
 Safety class I
 Protection class IP 65
 Dust-tight and protection against water jets
 Impact strength IK07
 Protection against mechanical impacts < 2 joule
 – Safety mark
 – Conformity mark
 Weight: 2.5 kg

Inrush current

Inrush current: 11 A / 112 μs
 Maximum number of luminaires of this type per miniature circuit breaker:
 B10A: 34 luminaires
 B16A: 55 luminaires
 C10A: 57 luminaires
 C16A: 92 luminaires

Lamp

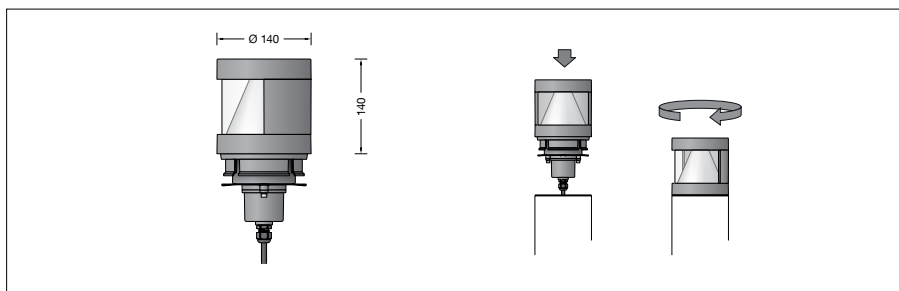
Module connected wattage 6 W
 Luminaire connected wattage 7.1 W
 Rated temperature $t_a = 25\text{ °C}$
 Ambient temperature $t_{a\text{ max}} = 55\text{ °C}$

99 853 K3

Module designation LED-0557/830
 Colour temperature 3000 K
 Colour rendering index CRI > 80
 Module luminous flux 860 lm
 Luminaire luminous flux 335 lm
 Luminaire luminous efficiency 47,2 lm/W

99 853 K4

Module designation LED-0557/840
 Colour temperature 4000 K
 Colour rendering index CRI > 80
 Module luminous flux 860 lm
 Luminaire luminous flux 335 lm
 Luminaire luminous efficiency 47,2 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 197,000h: 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. 99 853

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

