

BEGA**99 770**

Bollard head



Project · Reference number

Date

Product data sheet

Application

Unshielded bollard head with safety guard.
Light exit 180°.
For usage in the modular LED bollard concept.

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
Crystal glass, white inside
Silicone gasket
Single side light exit 180°
Connecting cable H05VV-F 3G 1[□]
Cable length 1 m
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-264 V
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK08
Protection against mechanical
impacts < 5 joule
 – Safety mark
CE – Conformity mark
Weight: 2.5 kg

Inrush current

Inrush current: 11 A / 112 μ s
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	$t_a = 25$ °C
Ambient temperature	$t_{a,max} = 45$ °C

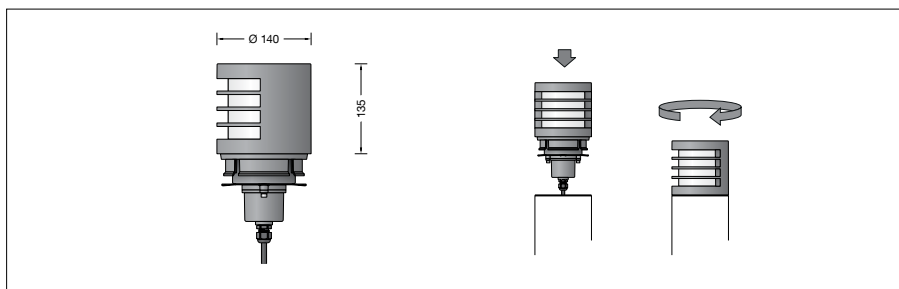
On request we can offer you modifications for
environments with higher temperatures as a
customized product.

99 770 K3

Module designation	LED-0557/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	860 lm
Luminaire luminous flux	102 lm
Luminaire luminous efficiency	14,4 lm/W

99 770 K4

Module designation	LED-0557/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	860 lm
Luminaire luminous flux	102 lm
Luminaire luminous efficiency	14,4 lm/W



Service life of the LED

Ambient temperature $t_a = 25$ °C
– at > 500,000h: L70B50

max. ambient temperature $t_a = 45$ °C
– at 176,000h: 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. 99 770

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

