

BEGA**99 776**

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 X05BQ-F 5 G 1[□]
Cable length 1,4 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: 5.0 kg

Lamp

Module connected wattage	16.5 W
Luminaire connected wattage	20 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{max}} = 35\text{ °C}$

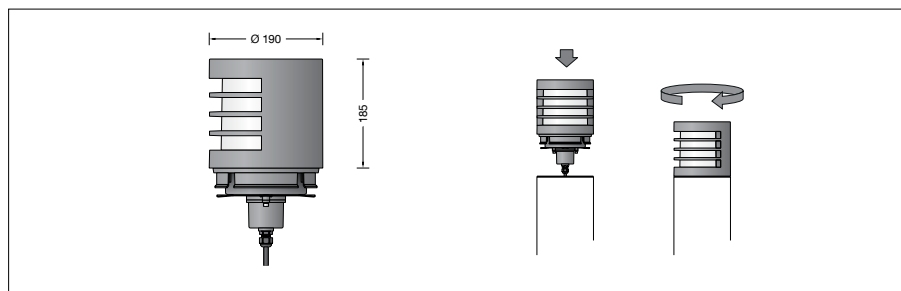
On request we can offer you modifications for
environments with higher temperatures as a
customized product.

99 776 K3

Module designation	LED-0382/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2255 lm
Luminaire luminous flux	313 lm
Luminaire luminous efficiency	15,7 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	313 lm
Luminaire luminous efficiency	15,7 lm/W



Service life of the LED

Ambient temperature $t_a = 25\text{ °C}$
– at 188,000h: L70B50
max. ambient temperature $t_a = 35\text{ °C}$
– at 106,000h: L70B50

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

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. 99 776

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

