

BEGA**99 778**

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 \sim 0/50-60 Hz
DC 170-280 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
CE – Conformity mark
Weight: 10.2 kg

Lamp

| | |
|-----------------------------|---|
| Module connected wattage | 28.7 W |
| Luminaire connected wattage | 33 W |
| Rated temperature | $t_a = 25 \text{ }^\circ\text{C}$ |
| Ambient temperature | $t_{a \text{ max}} = 30 \text{ }^\circ\text{C}$ |

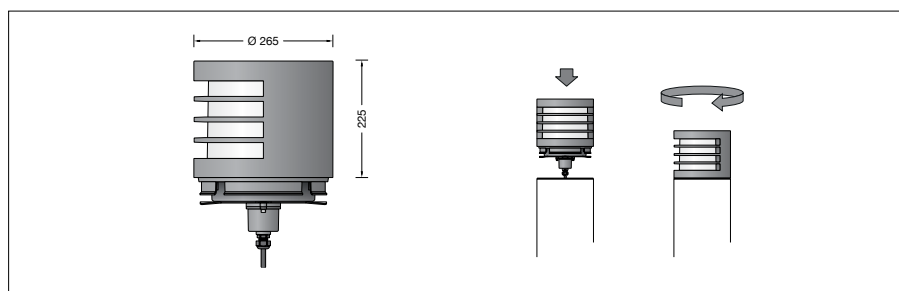
On request we can offer you modifications for
environments with higher temperatures as a
customized product.

99 778 K3

| | |
|-------------------------------|--------------|
| Module designation | LED-0556/830 |
| Colour temperature | 3000 K |
| Colour rendering index | CRI > 80 |
| Module luminous flux | 3950 lm |
| Luminaire luminous flux | 398 lm |
| Luminaire luminous efficiency | 12,1 lm/W |

99 778 K4

| | |
|-------------------------------|--------------|
| Module designation | LED-0556/840 |
| Colour temperature | 4000 K |
| Colour rendering index | CRI > 80 |
| Module luminous flux | 3950 lm |
| Luminaire luminous flux | 398 lm |
| Luminaire luminous efficiency | 12,1 lm/W |



Service life of the LED

Ambient temperature $t_a = 25 \text{ }^\circ\text{C}$
– at 128,000h: L70B50

max. ambient temperature $t_a = 30 \text{ }^\circ\text{C}$
– at 97,000h: L70B50

Inrush current

Inrush current: 5 A / 50 μs
Maximum number of luminaires of this
type per miniature circuit breaker:
B10A: 31 luminaires
B16A: 50 luminaires
C10A: 52 luminaires
C16A: 85 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. 99 778

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

