

BEGA**84 681**

Bollard head



Project · Reference number

Date

Product data sheet

Application

Unshielded bollard head with safety guard and light output on all sides.
For usage in the modular LED bollard concept.

Product description

Luminaire made of cast aluminium, aluminium and stainless steel
Crystal glass, white inside
Silicone gasket
Connecting cable X05BQ-F 5 G 1[□]
Cable length 1,4 m
LED power supply unit
220-240 V ~ 0/50-60 Hz
DC 176-264 V
DALI controllable
A basic isolation exists between power cable and control line
BEGA Thermal Control[®]
Temporary thermal regulation to protect temperature-sensitive components without switching off the luminaire
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK03
Protection against mechanical impacts < 0.35 joule
 – Safety mark
 – Conformity mark
Weight: 7.0 kg

Lamp

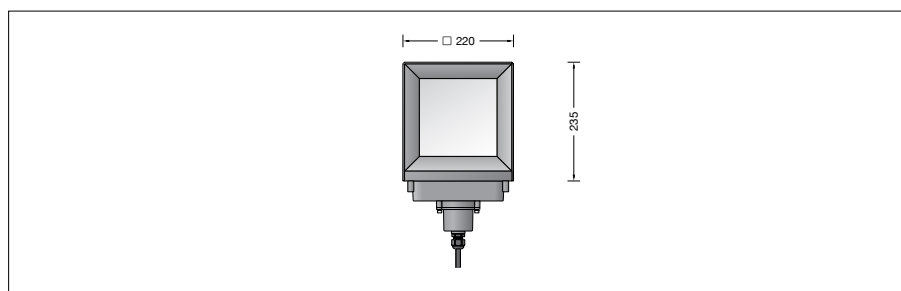
Module connected wattage	15.5 W
Luminaire connected wattage	18 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 50\text{ °C}$

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Module designation	LED-0847/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	3010 lm
Luminaire luminous flux	1776 lm
Luminaire luminous efficiency	98,7 lm/W

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Module designation	LED-0847/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	3095 lm
Luminaire luminous flux	1829 lm
Luminaire luminous efficiency	101,6 lm/W



Service life of the LED

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

max. ambient temperature $t_a = 50\text{ °C}$
– at 117,000h: 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.

Inrush current

Inrush current: 5 A / 100 μ s
Maximum number of luminaires of this type per miniature circuit breaker:
B 10A: 56 luminaires
B 16A: 90 luminaires
C 10A: 56 luminaires
C 16A: 90 luminaires

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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

