

BEGA**84 680**

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 aluminium alloy, aluminium and stainless steel
Crystal glass, white inside
Connecting cable X05BQ-F 5G 1[□]
Cable length 1,4 m
LED power supply unit
220-240 V ~ 0/50-60 Hz
DC 176-276 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 IK05
Protection against mechanical impacts < 0.7 joule
 – Safety mark
 – Conformity mark
Weight: 3.6 kg

Inrush current

Inrush current: 4 A / 30 µs
Maximum number of luminaires of this type per miniature circuit breaker:
B 10A: 50 luminaires
B 16A: 50 luminaires
C 10A: 50 luminaires
C 16A: 50 luminaires

Lamp

Module connected wattage	7.7 W
Luminaire connected wattage	9.8 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 45\text{ °C}$

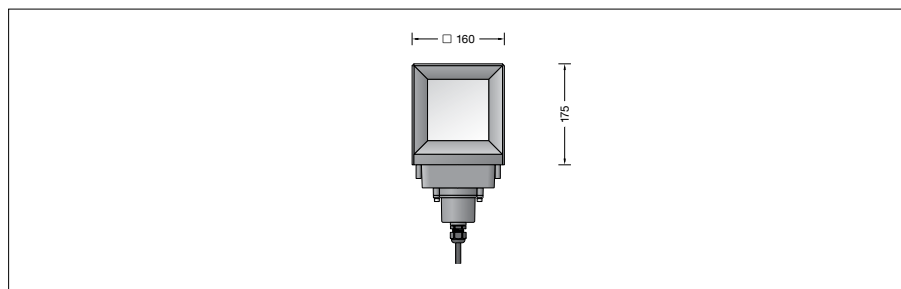
On request we can offer you modifications for environments with higher temperatures as a customized product.

84 680 K3

Module designation	LED-0276/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1505 lm
Luminaire luminous flux	822 lm
Luminaire luminous efficiency	83,9 lm/W

84 680 K4

Module designation	LED-0276/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	1545 lm
Luminaire luminous flux	843 lm
Luminaire luminous efficiency	86 lm/W



Service life of the LED

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

max. ambient temperature $t_a = 45\text{ °C}$
– at 239,000 h: 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. 84 680

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

