

BEGA**84 690**

Bollard head



Project · Reference number

Date

Product data sheet

Application

Bollard head with shielded light with four-sided light exit.

For usage in the modular LED bollard concept.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel

Borosilicate glass

Silicone gasket

Connecting cable X05BQ-F 5 G 1[□]

Cable length 1,2 m

LED power supply unit

220-240 V \sim 0/50-60 Hz

DC 176-280 V

DC Start \geq 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

CE – Conformity mark

Weight: 2,9 kg

Inrush current

Inrush current: 24 A / 115 μ s

Maximum number of luminaires of this

type per miniature circuit breaker:

B10A: 31 luminaires

B16A: 51 luminaires

C10A: 53 luminaires

C16A: 86 luminaires

Lamp

Module connected wattage 16.8 W

Luminaire connected wattage 20 W

Rated temperature $t_a = 25$ °C

Ambient temperature $t_{a,max} = 40$ °C

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

84 690 K3

Module designation 4x LED-0697/830

Colour temperature 3000 K

Colour rendering index CRI > 80

Module luminous flux 2320 lm

Luminaire luminous flux 392 lm

Luminaire luminous efficiency 19,6 lm/W

84 690 K4

Module designation 4x LED-0697/840

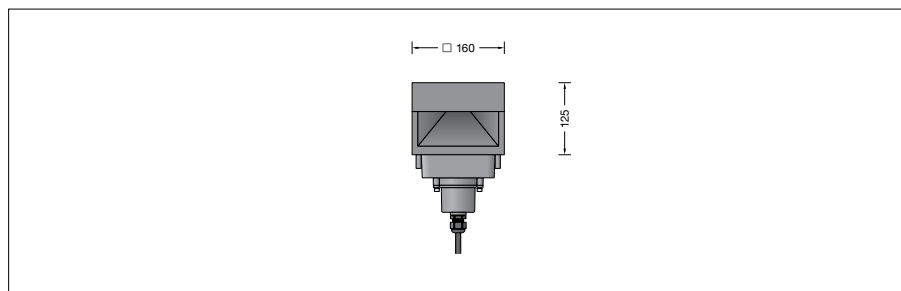
Colour temperature 4000 K

Colour rendering index CRI > 80

Module luminous flux 2320 lm

Luminaire luminous flux 392 lm

Luminaire luminous efficiency 19,6 lm/W



Service life of the LED

Ambient temperature $t_a = 25$ °C

– at 155,000h: L70B50

max. ambient temperature $t_a = 40$ °C

– at 67,000h: 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. 84 690

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

