

BEGA**84 244**

Bollard head

IP 65

Project · Reference number

Date

Product data sheet

Application

Bollard head with shielded light.

Light exit 360°.

The light is deflected by means of the reflector and the conical diffuser very wide beam and with a high uniformity onto the surface to be illuminated.

For usage in the modular LED bollard concept.

Product description

Luminaire made of cast aluminium,

aluminium and stainless steel

Crystal glass

Silicone gasket

Reflector made of pure anodised aluminium

All-side light output 360°

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 IK06

Protection against mechanical

impacts < 1 joule

CE – Conformity mark

Weight: 6.5 kg

Lamp

Module connected wattage 15.6 W

Luminaire connected wattage 19.5 W

Rated temperature $t_a = 25\text{ °C}$ Ambient temperature $t_{a\text{ max}} = 50\text{ °C}$ **84 244 K3**

Module designation 4x LED-0984/830

Colour temperature 3000 K

Colour rendering index CRI > 80

Module luminous flux 3000 lm

Luminaire luminous flux 1625 lm

Luminaire luminous efficiency 83,3 lm/W

84 244 K4

Module designation 4x LED-0984/840

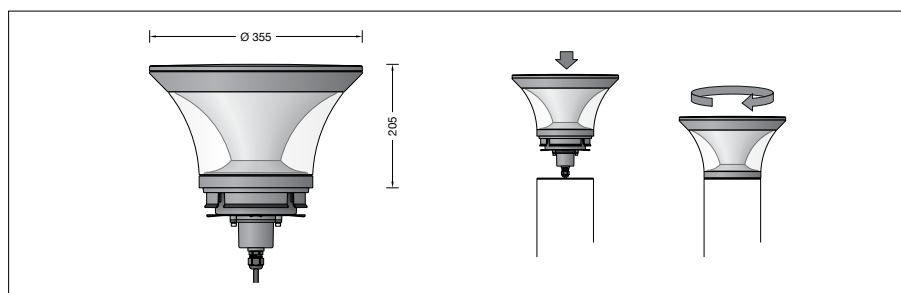
Colour temperature 4000 K

Colour rendering index CRI > 80

Module luminous flux 3080 lm

Luminaire luminous flux 1668 lm

Luminaire luminous efficiency 85,5 lm/W

**Service life · Ambient temperature**Rated temperature $t_a = 25\text{ °C}$

LED psu: > 50,000 h

LED module: > 200,000 h (L 80 B 50)
100,000 h (L 90 B 50)

Ambient temperature $t_{a\text{ max}} = 50\text{ °C}$ (100 %)

LED psu: 50,000 h

LED module: 180,000 h (L 80 B 50)
100,000 h (L 90 B 50)

Inrush current

Inrush current: 24 A / 115 μs

Maximum number of luminaires of this type per miniature circuit breaker:

B 10 A: 31 luminaires

B 16 A: 51 luminaires

C 10 A: 53 luminaires

C 16 A: 86 luminaires

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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 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.

Light distribution