

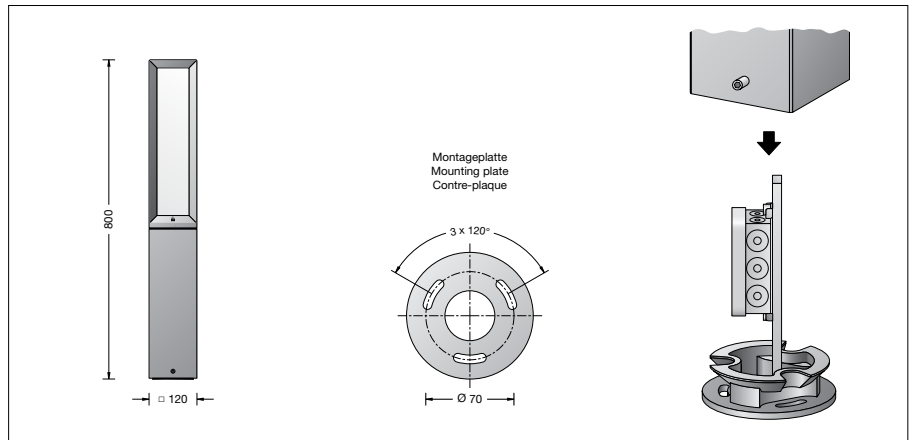
BEGA**84 666**

Bollard

 IP 65

Project · Reference number

Date





Product data sheet

Application

LED bollard with light output on all sides.
Robust, trellised luminaire with square layout.
Luminaire which provides surface illumination pathways, driveways and squares with light output on all sides.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
BEGA Unidure® coating technology
White synthetic diffuser
Luminaire with mounting plate for bolting onto a foundation or an anchorage unit
Mounting plate with 3 elongated holes, Width 7 mm, Pitch circle \varnothing 70 mm
Luminaire can be aligned on the mounting plate around 360°
Mounting bracket with connection box for through-wiring of up to $5 \times 2,5^2$
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-276 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 IK06
Protection against mechanical impacts < 1 joule
 – Safety mark
 – Conformity mark
Weight: 4.8 kg

Lamp

Module connected wattage	7.6 W
Luminaire connected wattage	9.6 W
Rated temperature	$t_a = 25 \text{ }^\circ\text{C}$
Ambient temperature	$t_{a, \text{max}} = 60 \text{ }^\circ\text{C}$

84 666 K3

Module designation	4x LED-0613/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1420 lm
Luminaire luminous flux	851 lm
Luminaire luminous efficiency	88,6 lm/W

84 666 K4

Module designation	4x LED-0613/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	1480 lm
Luminaire luminous flux	887 lm
Luminaire luminous efficiency	92,4 lm/W

Service life · Ambient temperature

Rated temperature $t_a = 25 \text{ }^\circ\text{C}$	
LED psu:	> 50,000 h
LED module:	125,000 h (L80 B50)

Ambient temperature $t_a, \text{max} = 60 \text{ }^\circ\text{C}$ (100 %)	
LED psu:	50,000 h
LED module:	105,000 h (L80 B50)

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

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. 84 666

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**

Accessory

70 894 Anchorage unit
Anchorage unit with mounting flange made of galvanised steel. Total length 400 mm.
3 stainless steel fixing screws M 6.
Pitch circle \varnothing 70 mm.

See the separate instructions for use.

Light distribution

