

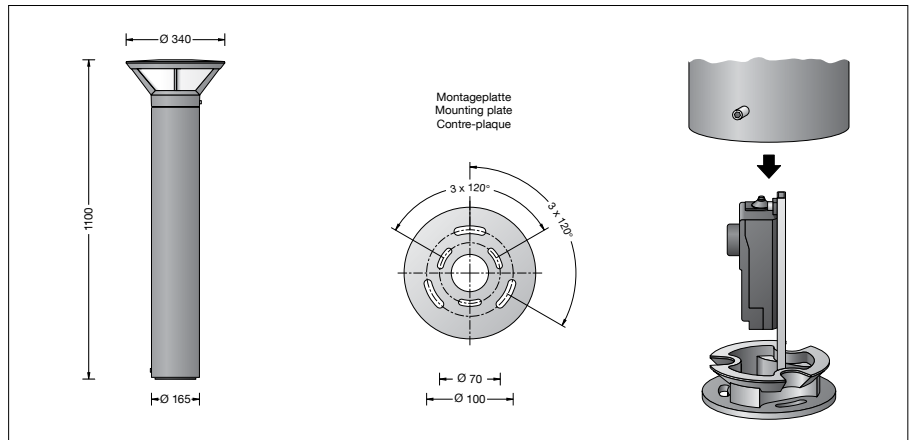
BEGA**84 610**

Bollard



Project · Reference number

Date



Product data sheet

Application

LED bollard with rotationally symmetrical light distribution.

The light is deflected by means of the top reflector onto the surface to be illuminated. Luminaire for glarefree surface illumination of driveways, squares, pathways and entrances.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
 Silicate glass clear
 Silicone gasket
 Reflector made of pure anodised aluminium
 Luminaire with mounting plate for bolting onto a foundation or an anchorage unit
 Mounting plate with two pitch circles:
 ø 70 mm, 3 elongated holes 7 mm wide
 ø 100 mm, 3 elongated holes 9 mm wide
 Luminaire can be aligned on the mounting plate around 360°
 Mounting bracket with connection box 70 632 for through-wiring – for 2 cables up to 5 × 4[□] with fuse Neozed D 01 · 6 A
 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
 Safety class I
 Protection class IP 65
 Dust-tight and protection against water jets
 Impact strength IK02
 Protection against mechanical impacts < 0.2 joule
 – Safety mark
 – Conformity mark
 Weight: 11.4 kg

Lamp

Module connected wattage	36.3 W
Luminaire connected wattage	40.5 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a,max} = 35\text{ °C}$

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

84 610 K3

Module designation	LED-0721/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	5950 lm
Luminaire luminous flux	1694 lm
Luminaire luminous efficiency	41,8 lm/W

84 610 K4

Module designation	LED-0721/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	6140 lm
Luminaire luminous flux	1748 lm
Luminaire luminous efficiency	43,2 lm/W

Lifetime of the LED

Ambient temperature $t_a = 15\text{ °C}$
 – at 50,000 h: L 90 B 10
 – at 360,000 h: L 70 B 50

Ambient temperature $t_a = 25\text{ °C}$
 – at 50,000 h: L 90 B 50
 – at 280,000 h: L 70 B 50

max. ambient temperature $t_a = 35\text{ °C}$
 – at 50,000 h: L 80 B 10
 – at 230,000 h: L 70 B 50

Inrush current

Inrush current: 5 A / 100 μ s
 Maximum number of luminaires of this type per miniature circuit breaker:
 B 10A: 27 luminaires
 B 16A: 44 luminaires
 C 10A: 27 luminaires
 C 16A: 44 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. 84 610

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

70 895 Anchorage unit with mounting flange made of hot-dip galvanised steel. Total length 400 mm. 3 stainless steel fixing screws M8. Pitch circle ø 100 mm.

See the separate instructions for use.

Light distribution

