

BEGA**84 238**

Bollard

IP 65

Project · Reference number

Date

Product data sheet

Application

Shielded LED bollard with asymmetrical light distribution for the illumination of squares, access roads and entry areas.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
 Safety glass
 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:
 \varnothing 70 mm, 3 elongated holes 7 mm wide
 \varnothing 100 mm, 3 elongated holes 9 mm wide
 Connection box for through-wiring
 – for 2 cables up to $5 \times 2,5^2$
 Fuse terminal with micro fuse
 6.3 A slow \varnothing 5×20 mm
 LED power supply unit
 220-240 V \sim 0/50-60 Hz
 DC 176-280 V
 Safety class I
 Protection class IP 65
 Dust-tight and protection against water jets
 Impact strength IK07
 Protection against mechanical impacts < 2 joule
CE – Conformity mark
 Weight: 5.8 kg

Inrush current

Inrush current: 20 A / 80 μ s
 Maximum number of luminaires of this type per miniature circuit breaker:
 B10A: 35 luminaires
 B16A: 56 luminaires
 C10A: 58 luminaires
 C16A: 94 luminaires

Lamp

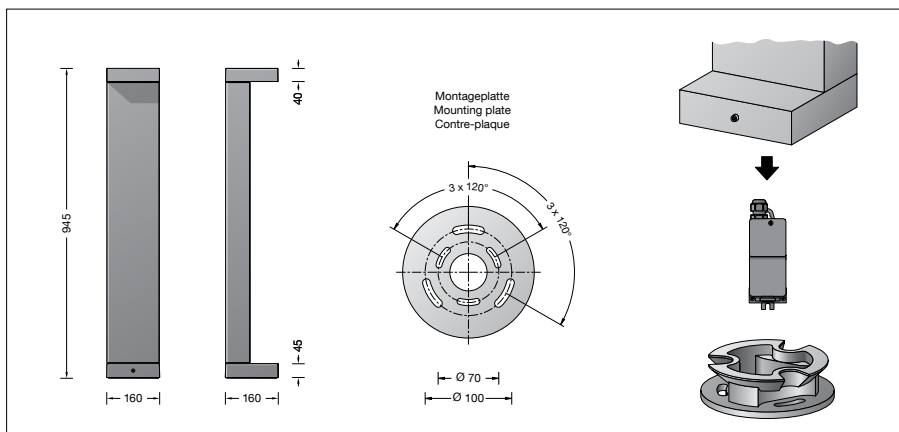
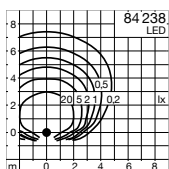
Module connected wattage	11.5 W
Luminaire connected wattage	13.8 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 55$ °C

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Module designation	LED-0983/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2270 lm
Luminaire luminous flux	1604 lm
Luminaire luminous efficiency	116,2 lm/W

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Module designation	LED-0983/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2335 lm
Luminaire luminous flux	1650 lm
Luminaire luminous efficiency	119,6 lm/W

Light distribution**Service life of the LED**

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

max. ambient temperature $t_a = 55$ °C
 – at 201,000h: 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. 84 238

LED colour temperature optionally 3000K or 4000K
 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 \varnothing 100 mm.

See the separate instructions for use.