



# Coreline Bollard

## BCP155 LED100/WW PSU 220-240V A 7043

Coreline Bollard, 13 W, H1000 mm, 1000 lm, 3000 K, CRI80, Asymmetrical, Safety class I, IP65

Coreline Bollard is a professional bollard that will guide people at night time and will integrate very well in most urban landscape thanks to its discreet design.

### Product data

General Information	
Lamp family code	LED10 [LED Module 1000 lm]
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value. * At extreme ambient temperatures the luminaire might automatically dim down to protect components
Light source engine type	LED
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
Warranty period	3 years
Flammability mark	-

ENEC mark	-
EU RoHS compliant	Yes

Light Technical	
Upward light output ratio	50
Luminous Flux	1,000 lm
Standard tilt angle posttop	-
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	77 lm/W
Color rendering index (CRI)	>80
Flickering value (PstLM)	1
Stroboscopic effect value (SVM)	1.6
Number of light sources	1
Light source color	Warm white
Optical cover type	Opal
Luminaire light beam spread	135°
Optic type outdoor	Asymmetrical

Operating and Electrical	
Input Voltage	220-240 V

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Line Frequency	50 or 60 Hz
Inrush current	13.4 A
Inrush time	21.86 ms
Power Consumption	13 W
Power Factor (Fraction)	0.9
Connection	External connector
Cable	Cable 0.5 m with cable connector
Number of products on MCB of 16 A type B	38

## Temperature

Ambient temperature range	-40 to +50 °C
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## Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

## Mechanical and Housing

Housing Material	Aluminum extruded
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Aluminum
Housing Color	Dark gray
Mounting device	Baseplate
Optical cover shape	Cylinder/cylindrical
Optical cover finish	Opal
Overall height	1,000 mm
Overall diameter	100 mm
Effective projected area	0.1 m <sup>2</sup>

## Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
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Mech. impact protection code	IK10 [20 J vandal-resistant]
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV differential mode and 8 kV common mode
Sustainability rating	-
Protection class IEC	Safety class I

## Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.434, 0.403) SDCM<5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

## Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L70

## Application Conditions

Performance ambient temperature Tq	25 °C
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## Product Data

Order product name	BCP155 LED100/WW PSU 220-240V A 7043
Full product name	BCP155 LED100/WW PSU 220-240V A 7043
Full product code	871869938375600
Order code	38375600
Material Nr. (12NC)	912401483109
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699383756
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699383756

## Dimensional drawing



