



Coreline Bollard

BCP155 LED100/WW PSU 220-240V S 7043

Coreline Bollard, 12 W, H1000 mm, 1000 lm, 3000 K, CRI80, Symmetrical, 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		Light Technical	
Lamp family code	LED10 [LED Module 1000 lm]	Upward light output ratio	50
Light source replaceable	No	Luminous Flux	1,000 lm
Number of gear units	1 unit	Standard tilt angle posttop	-
Driver included	Yes	Standard tilt angle side entry	-
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	Correlated Color Temperature (Nom)	3000 K
Light source engine type	LED	Luminous Efficacy (rated) (Nom)	83 lm/W
Lighting Technology	LED	Color rendering index (CRI)	>80
Value ladder	Performance	Flickering value (PstLM)	1
CE mark	Yes	Stroboscopic effect value (SVM)	1.6
Warranty period	3 years	Number of light sources	1
Flammability mark	-	Light source color	Warm white
		Optical cover type	Opal
		Luminaire light beam spread	360°
		Optic type outdoor	Symmetrical
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	12 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 m²

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 S 7043
Full product name	BCP155 LED100/WW PSU 220-240V S 7043
Full product code	871869938377000
Order code	912401483111
Material Nr. (12NC)	912401483111
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699383770
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699383770

Dimensional drawing



