Coreline Bollard

BCP155 LED100/NW PSU 220-240V A 7043

Coreline Bollard, 13 W, H1000 mm, 1000 lm, 4000 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)	4000 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	Neutral 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

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]
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	(0.383, 0.380) 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

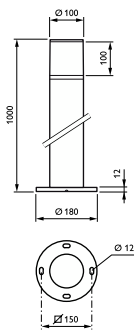
Application Conditions

Performance ambient temperature Tq	25 °C

Product Data

Order product name	BCP155 LED100/NW PSU 220-240V A 7043
Full product name	BCP155 LED100/NW PSU 220-240V A 7043
Full product code	871869938376300
Order code	38376300
Material Nr. (12NC)	912401483110
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699383763
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699383763

Dimensional drawing



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www.lighting.philips.com
2023, May 1 - data subject to change