Coreline Bollard

BCP155 LED100/WW PSU 220-240V S 7043

LED Module 1000 lm – Warm white – Power supply unit –
220-240 V – Symmetrical

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

Number of light sources	1 pc
Lamp family code	LED10 [LED Module 1000 lm]
Light source color	Warm white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optical cover/lens type	Opal
Luminaire light beam spread	360°
Connection	External connector
Cable	Cable 0.5 m with cable connector
Protection class IEC	Safety class I
Flammability mark	–
CE mark	CE mark
ENEC mark	–
Warranty period	3 years
Optic type outdoor	Symmetrical
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
Constant light output	No
Number of products on MCB of 16 A type B	1
EU RoHS compliant	Yes
Light source engine type	LED

Light Technical

Upward light output ratio	50
Standard tilt angle posttop	–
Standard tilt angle side entry	–

Operating and Electrical

Input Voltage	220-240 V
Input Frequency	50 or 60 Hz

Coreline Bollard

Inrush current	13.4 A
Inrush time	21.86 ms
Power Factor (Min)	0.9

Controls and Dimming

Dimmable	No

Mechanical and Housing

Housing Material	Aluminum extruded
Reflector material	–
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Aluminum
Mounting device	Baseplate
Optical cover/lens shape	Cylinder/cylindrical
Optical cover/lens finish	Opal
Overall height	1000 mm
Overall diameter	100 mm
Effective projected area	0.1 m²
Color	Dark gray
Dimensions (Height x Width x Depth)	1000 x NaN x NaN mm (39.4 x NaN x NaN in)

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)	6/8 kV

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	1000 lm
Luminous flux tolerance	+/-10%

Initial LED luminaire efficacy	85 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.434, 0.403) SDCM<5
Initial input power	12 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

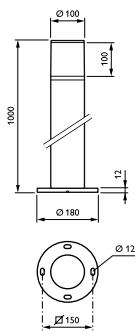|	
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L70

Application Conditions

Ambient temperature range	–40 to +50 °C
Performance ambient temperature Tq	25 °C

Product Data

Full product code	871869938377000
Order product name	BCP155 LED100/WW PSU 220-240V S 7043
EAN/UPC – Product	8718699383770
Order code	912401483111
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	1
Material Nr. (12NC)	912401483111
Net Weight (Piece)	5.700 kg

Dimensional drawing

CoreLine Bollard BCP155

Coreline Bollard

www.lighting.philips.com

2020, June 22 – data subject to change