Coreline Bollard

BCP155 LED100/WW PSU 220-240V A 7043

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

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 [1 pc]
Lamp family code	LED10 [LED Module 1000 lm]
Light source colour	Warm white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	PSU [Power supply unit]
Driver included	Yes
Optical cover/lens type	O [Opal]
Luminaire light beam spread	135°
Connection	External connector
Cable	Cable 0.5 m with cable connector
Protection class IEC	Safety class I
Flammability mark	NO [-]
CE mark	Yes
ENEC mark	–
Warranty period	3 years
Optic type outdoor	Asymmetrical
Remarks	*- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018':

statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the 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 (16 A type B)	1
EU RoHS compliant	Yes
Light source engine type	LED

Light technical

Upward light output ratio	50
Standard tilt angle post-top	–
Standard tilt angle side entry	–

Operating and electrical

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

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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	Extruded aluminium
Reflector material	–
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Aluminium
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
Colour	Dark Grey
Dimensions (height x width x depth)	1000 x NaN x NaN mm

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
Sustainability rating	–

Initial performance (IEC compliant)

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

Initial LED luminaire efficacy	80 lm/W
Init. Corr. Colour Temperature	3000 K
Init. Colour rendering index	>80
Initial chromaticity	(0.434, 0.403) SDCM<5
Initial input power	13 W
Power consumption tolerance	+/-10%
Init. colour rendering index tolerance	+/-2

Over time performance (IEC compliant)

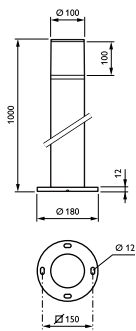|	
Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L70

Application conditions

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

Product data

Full product code	871869938375600
Order product name	BCP155 LED100/WW PSU 220-240V A 7043
EAN/UPC – product	8718699383756
Order code	38375600
Local order code	BCP155WWUA7043
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	912401483109
Net Weight (Piece)	3.100 kg

IP65

Dimensional drawing

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www.lighting.philips.com

2023, March 6 – data subject to change