



Coreline Bollard

BCP155 LED100/NW PSU 220-240V S 7043

Coreline Bollard, 12 W, H1000 mm, 1000 lm, 4000 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			
Lamp family code	LED10 [LED Module 1000 lm]	Flammability mark	-
Light source replaceable	No	ENEC mark	-
Number of gear units	Unit	EU RoHS compliant	Yes
Driver included	Yes		
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	Light Technical	
Light source engine type	LED	Upwards light output ratio	50
Lighting Technology	LED	Luminous Flux	1,000 lm
Value ladder	Performance	Standard tilt angle post-top	-
CE mark	Yes	Standard tilt angle side entry	-
Warranty period	3 years	Correlated Colour Temperature	4000 K
		Luminous efficacy (rated) (nom.)	83 lm/W
		Colour rendering index (CRI)	>80
		Flickering value (PstLM)	1
		Stroboscopic effect	1.6
		Light source colour	Neutral 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	Extruded aluminium
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Aluminium
Housing Colour	Dark grey
Mounting device	Base plate
Optical cover/lens shape	Cylinder/cylindrical
Optical cover/lens 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 up to 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 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L70

Application Conditions

Performance ambient temperature Tq	25 °C
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Product Data

Order product name	BCP155 LED100/NW PSU 220-240V S 7043
Full product name	BCP155 LED100/NW PSU 220-240V S 7043
Full EOC	871869938378700
Order code	38378700
Material no. (12 NC)	912401483112
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699383787
Numerator – packs per outer box	1
EAN/UPC - Case	8718699383787

Dimensional drawing



