PHILIPS Lighting



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]
Light source replaceable	No
Number of gear units	Unit
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 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	
Upwards light output ratio	50
Luminous Flux	1,000 lm
Standard tilt angle post-top	-
Standard tilt angle side entry	-
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	38
В	
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	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 m ²

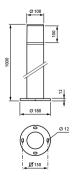
IP65 [Dust penetration-protected, jet-proof]

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 Compl	iant)
Control gear failure rate at median useful	5 %
life 50,000 h	
Lumen maintenance at median useful	L70
life* 50,000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
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	
EAN/OPC - Product/Case	8718699383787
Numerator – packs per outer box	8718699383787 1

Approval and Application

Ingress protection code

Dimensional drawing



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