# **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

### **Coreline Bollard**

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 <sup>2</sup>

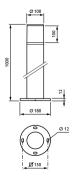
IP65 [Dust penetration-protected, jet-proof]

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



**Coreline Bollard** 



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