



Coreline Bollard

BCP155 LED100/NW PSU 220-240V A 7043

Coreline Bollard, 13 W, H1000 mm, 1000 lm, 4000 K, CRI80, Asymmetrical, 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	1 unit
Driver included	Yes
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
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	
Upward light output ratio	50
Luminous Flux	1,000 lm
Standard tilt angle posttop	-
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	77 lm/W
Color rendering index (CRI)	>80
Flickering value (PstLM)	1
Stroboscopic effect value (SVM)	1.6
Number of light sources	1
Light source color	Neutral white
Optical cover type	Opal
Luminaire light beam spread	135°
Optic type outdoor	Asymmetrical
Operating and Electrical	
Input Voltage	220-240 V

Datasheet, 2023, November 12 data subject to change

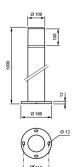
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Line Frequency	50 or 60 Hz
Inrush current	13.4 A
Inrush time	21.86 ms
Power Consumption	13 W
Power Factor (Fraction)	0.9
Connection	External connector
Cable	Cable 0.5 m with cable connector
Number of products on MCB of 16 A type	38
В	
Temperature	
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	Aluminum extruded
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Aluminum
Housing Color	Dark gray
Mounting device	Baseplate
Optical cover shape	Cylinder/cylindrical
Optical cover 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]

Mech. impact protection code	IK10 [20 J vandal-resistant]
Surge Protection (Common/Differential)	Luminaire surge protection level until 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 Compli	ant)
Control gear failure rate at median useful	5 %
life 50000 h	
Lumen maintenance at median useful life*	L70
50000 h	
Application Conditions	
Application Conditions Performance ambient temperature Tq	25 ℃
	25 ℃
	25 °C
Performance ambient temperature Tq	25 °C BCP155 LED100/NW PSU 220-240V A 7043
Performance ambient temperature Tq Product Data	
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data subject to change

Dimensional drawing



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