



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 | | Light Technical | |
|--------------------------|---|------------------------------------|---------------|
| Lamp family code | LED10 [LED Module 1000 lm] | Upward light output ratio | 50 |
| Light source replaceable | No | Luminous Flux | 1,000 lm |
| Number of gear units | 1 unit | Standard tilt angle posttop | - |
| Driver included | Yes | Standard tilt angle side entry | - |
| 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 | Correlated Color Temperature (Nom) | 4000 K |
| Light source engine type | LED | Luminous Efficacy (rated) (Nom) | 77 lm/W |
| Lighting Technology | LED | Color rendering index (CRI) | >80 |
| Value ladder | Performance | Flickering value (PstLM) | 1 |
| CE mark | Yes | Stroboscopic effect value (SVM) | 1.6 |
| Warranty period | 3 years | Number of light sources | 1 |
| Flammability mark | - | 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 |

Coreline Bollard

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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 B | 38 |

Temperature

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|---------------------------|---------------|
| Ambient temperature range | -40 to +50 °C |
|---------------------------|---------------|

Controls and Dimming

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|-------------------------------|----------------------------|
| 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

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|-------------------------|--|
| 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 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 Compliant)

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|---|-----|
| Control gear failure rate at median useful life 50000 h | 5 % |
| Lumen maintenance at median useful life* 50000 h | L70 |

Application Conditions

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|------------------------------------|-------|
| Performance ambient temperature Tq | 25 °C |
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Product Data

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|---------------------------------|--------------------------------------|
| Order product name | BCP155 LED100/NW PSU 220-240V A 7043 |
| Full product name | BCP155 LED100/NW PSU 220-240V A 7043 |
| Full product code | 871869938376300 |
| Order code | 912401483110 |
| Material Nr. (12NC) | 912401483110 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718699383763 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8718699383763 |

Dimensional drawing



