

# CitySpirit Street LED

## BDS480 LED35/WW PSU 220-240V DW2 MP1

CitySpirit Street LED, 3500 lm, 38 W, Warm white, Distribution street pedestrian, Safety class I, Post-top for diameter 60 mm

Vibrant outdoor lighting has the power to revitalize a city's spirit, transforming it into an exciting, uplifting space where residents and visitors feel safe and at. home even after dark. Philips CitySpirit Street LED is luminaire designed to provide quality, environmentally friendly lighting. that seamlessly integrates into the urban landscape. Equipped with LED technology and consistent light output. This luminaire delivers efficient and excellent lighting to any city.

### Product data

| General Information | |
|---|---|
| **Lamp family code** | - |
| **Light source replaceable** | Yes |
| **Number of gear units** | - |
| **Driver included** | Yes |
| **Light source engine type** | LED |
| **Flammability mark** | - |
| **CE mark** | - |
| **ENEC mark** | - |
| **Warranty period** | 3 years |
| **EU RoHS compliant** | No |

| Light Technical | |
|---|---|
| **Upward light output ratio** | 0 |
| **Luminous Flux** | 3,500 lm |
| **Standard tilt angle posttop** | - |
| **Standard tilt angle side entry** | - |

| | |
|---|---|
| **Correlated Color Temperature (Nom)** | 3000 K |
| **Luminous Efficacy (rated) (Nom)** | 92.11 lm/W |
| **Color rendering index (CRI)** | 70 |
| **Light source color** | Warm white |
| **Optical cover type** | Acrylate micro-lens optic clear |
| **Luminaire light beam spread** | - |
| **Optic type outdoor** | Distribution street pedestrian |

| Operating and Electrical | |
|---|---|
| **Input Voltage** | 200 to 240 V |
| **Line Frequency** | 50 to 60 Hz |
| **Inrush current** | 7.1 A |
| **Inrush time** | 61.2 ms |
| **Power Consumption** | 38 W |
| **Power Factor (Fraction)** | 0.95 |
| **Connection** | Flying leads/wires |
| **Cable** | Cable 6.0 m without plug |

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| | |
|---|---|
| **Number of products on MCB of 16 A type B** | - |

## Temperature

| | |
|---|---|
| **Ambient temperature range** | -40 to +35 °C |

## Controls and Dimming

| | |
|---|---|
| **Dimmable** | Yes |
| **Driver/power unit/transformer** | Power supply unit (On/Off) |
| **Control interface** | - |
| **Constant light output** | No |

## Mechanical and Housing

| | |
|---|---|
| **Housing Material** | Aluminum die cast |
| **Reflector material** | Glass |
| **Optic material** | Glass |
| **Optical cover material** | Polymethyl methacrylate |
| **Fixation material** | Stainless steel |
| **Housing Color** | Dark gray |
| **Mounting device** | Post-top for diameter 60 mm |
| **Optical cover shape** | Convex lens |
| **Optical cover finish** | Clear |
| **Overall length** | 640 mm |
| **Overall width** | 150 mm |
| **Overall height** | 454 mm |
| **Overall diameter** | 60 mm |
| **Dimensions (Height x Width x Depth)** | 454 x 150 x 640 mm |

## Approval and Application

| | |
|---|---|
| **Ingress protection code** | IP65 [Dust penetration-protected, jet-proof] |
| **Mech. impact protection code** | IK09 [10 J] |
| **Surge Protection (Common/Differential)** | 4/2 kV |
| **Protection class IEC** | Safety class I |

## Initial Performance (IEC Compliant)

| | |
|---|---|
| **Luminous flux tolerance** | +/-10% |
| **Initial chromaticity** | SDCM>5 |
| **Power consumption tolerance** | +/-10% |

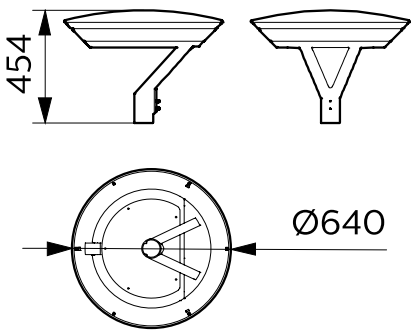
## Application Conditions

| | |
|---|---|
| **Maximum dim level** | 0% (digital) |

## Product Data

| | |
|---|---|
| **Order product name** | BDS480 LED35/WW PSU 220-240V DW2 MP1 |
| **Full product name** | BDS480 LED35/WW PSU 220-240V DW2 MP1 |
| **Full product code** | 911401618003 |
| **Order code** | 911401618003 |
| **Material Nr. (12NC)** | 911401618003 |
| **Numerator - Quantity Per Pack** | 1 |
| **Numerator - Packs per outer box** | 1 |

## Dimensional drawing



# CitySpirit Street LED

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2023, September 4 - data subject to change