# TownGuide Performer

## BDP100 LED30/740 DN PCC SI CLO-LS-6 76P

TOWNGUIDE PERF FLAT CONE, LED module 3000 lm, Distribution narrow, Polycarbonate bowl/cover clear, Post-top for diameter 76 mm

The TownGuide Performer family consists of six recognizable yet modern shapes: Flat Cone, Bowl, Classic Cone, Classic, T and Tzero. All are available with a clear bowl. Except for Tzero, also a frosted bowl can be chosen. With an extensive range of lumen packages and a choice of light colors and operating lifetimes, it is easy to select the version that best suits your project's specific requirements. In addition, TownGuide Performer has a variety of control system options that can make it an integral part of your smart energy-reduction programs – from stand-alone LumiStep and DynaDimmer, SDU switch-dim control, through to seamless remote connectivity with CityTouch lighting management software. Installation is easy. Thanks to the bayonet whistle connector with integrated gland located in the spigot, the luminaire does not have to be opened at all for installation. Philips has made every effort to make the Total Cost of Ownership (TCO) of the luminaire as attractive as possible. And as TownGuide Performer is a dedicated LED luminaire, compatible with a variety of control systems, the energy and maintenance cost savings compared to conventional lighting are significant.

## Product data

### General Information

| | | | |
|---|---|---|---|
| Lamp family code | LED30 [LED module 3000 lm] | Service tag | Yes |
| Light source replaceable | Yes | Product family code | BDP100 [TOWNGUIDE PERF FLAT CONE] |
| Number of gear units | 1 unit | Lighting Technology | LED |
| Driver included | Yes | Value ladder | Performance |
| Photocell | – | Embedded control | Constant light output and LumiStep dimming 6 hours |
| Light source engine type | LED | CE mark | Yes |

# TownGuide Performer

| | | | | |
|---|---|---|---|---|
| **Warranty period** | 5 years | | **Optic material** | Acrylate |
| **Flammability mark** | – | | **Optical cover material** | Polycarbonate |
| **ENEC mark** | ENEC mark | | **Fixation material** | Steel |
| **Glow-wire test** | Temperature 650 °C, duration 5 s | | **Housing Color** | Silver |
| **EU RoHS compliant** | Yes | | **Mounting device** | Post-top for diameter 76 mm |
| **Serviceability class** | Class A, luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge protection device, optics, front cover and mechanical parts | | **Optical cover shape** | Conical flat |
| | | | **Optical cover finish** | Clear |
| | | | **Overall length** | 570 mm |
| | | | **Overall width** | 570 mm |
| | | | **Overall height** | 209 mm |
| | | | **Overall diameter** | 570 mm |
| | | | **Effective projected area** | 0.051 m² |

## Light Technical

| | | | | |
|---|---|---|---|---|
| **Upward light output ratio** | 3 | | **Dimensions (Height x Width x Depth)** | 209 x 570 x 570 mm |
| **Luminous Flux** | 2,291 lm | | **Parts color** | All parts colored |
| **Standard tilt angle posttop** | 0° | | | |
| **Standard tilt angle side entry** | – | | | |

## Approval and Application (continued as right column)

| | |
|---|---|
| **Correlated Color Temperature (Nom)** | 4000 K |
| **Luminous Efficacy (rated) (Nom)** | 119 lm/W |
| **Color rendering index (CRI)** | 70 |
| **Number of light sources** | 4 |
| **Light source color** | 740 neutral white |
| **Optical cover type** | Polycarbonate bowl/cover clear |
| **Luminaire light beam spread** | 32° x 29° |
| **Optic type outdoor** | Distribution narrow |

### Approval and Application

| | |
|---|---|
| **Ingress protection code** | IP66 [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 6 kV common mode |
| **Sustainability rating** | Lighting for circularity |
| **Protection class IEC** | Safety class I |

## Operating and Electrical

| | |
|---|---|
| **Input Voltage** | 220-240 V |
| **Line Frequency** | 50 to 60 Hz |
| **Initial CLO power consumption** | 19.2 W |
| **Average CLO power consumption** | 19.4 W |
| **End CLO power consumption** | 19.6 W |
| **Inrush current** | 22 A |
| **Inrush time** | 0.29 ms |
| **Power Consumption** | 19.6 W |
| **Power Factor (Fraction)** | 0.95 |
| **Connection** | Screw connection block 5-pole |
| **Cable** | – |
| **Number of products on MCB of 16 A type B** | 26 |

### Initial Performance (IEC Compliant)

| | |
|---|---|
| **Luminous flux tolerance** | +/-7% |
| **Initial chromaticity** | (0.38, 0.38) SDCM <5 |
| **Power consumption tolerance** | +/-10% |
| **Init. Color Rendering Index Tolerance** | +/-2 |

### Over Time Performance (IEC Compliant)

| | |
|---|---|
| **Driver failure rate at 5000 h** | 0.5 % |
| **Control gear failure rate at median useful life 100000 h** | 10 % |
| **Lumen maintenance at median useful life* 100000 h** | 97 |

## Temperature

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

### Application Conditions

| | |
|---|---|
| **Performance ambient temperature Tq** | 25 °C |
| **Maximum dim level** | 50% |

## Controls and Dimming

| | |
|---|---|
| **Dimmable** | Yes |
| **Driver/power unit/transformer** | Power supply unit with DynaDimmer and constant light output (integrated) |
| **Control interface** | – |
| **Constant light output** | Yes |

### Product Data

| | |
|---|---|
| **Order product name** | BDP100 LED30/740 DN PCC SI CLO-LS-6 76P |
| **Full product name** | BDP100 LED30/740 DN PCC SI CLO-LS-6 76P |
| **Full product code** | 871829190608700 |
| **Order code** | 90608700 |
| **Material Nr. (12NC)** | 910500991009 |
| **Numerator – Quantity Per Pack** | 1 |
| **EAN/UPC – Product/Case** | 8718291906087 |
| **Numerator – Packs per outer box** | 1 |

## Mechanical and Housing

| | |
|---|---|
| **Housing Material** | Aluminum |
| **Reflector material** | – |

**Dimensional drawing**