# TownGuide Performer

## BDP100 LED35/740 II DS PCF SI CLO 62P

TOWNGUIDE PERF FLAT CONE, LED GreenLine 3500 lm, Distribution symmetrical, Polycarbonate bowl/cover frosted, Constant light output, Post-top for diameter 62 mm

The TownGuide Performer family consists of six recognizable, yet modern shapes: Flat Cone, Bowl, Classic Cone, Classic T, T and Tzero. Each luminaire has the option of a clear (PCC), translucent (PCTR) or frosted (PCF) bowl (except Tzero, which is only available with a clear bowl). With an extensive range of lumen packages, neutral white or warm white LED lights sources, and a range of dedicated optics for lower mounting heights, it's easy to select the version that best suits the specific requirements of your project. All this combined with a long life expectancy of 100,000 operating hours. In addition, TownGuide Performer has a variety of control system options that can make this luminaire an integral part of smart energy-reduction programs. This includes LumiStep, DynaDimmer, and LineSwitch stand-alone dim control, and Coded Mains group control, right up to seamless remote connectivity with Interact lighting management software. Installation is easy. Thanks to the bayonet whistle connector with integrated gland located in the spigot, there's no need to open the luminaire for installation. The Signify Service tag app offers direct access to all relevant data, ensuring maintenance is easy too. 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, there are significant energy and maintenance cost savings compared with conventional lighting.

## Product data

| General Information | | Number of gear units | 1 unit |
|---|---|---|---|
| Lamp family code | GRN35 [LED GreenLine 3500 lm] | Driver included | Yes |
| Light source replaceable | Yes | Photocell | - |

# TownGuide Performer

| | |
|---|---|
| Light source engine type | LED |
| Product family code | BDP100 [TOWNGUIDE PERF FLAT CONE] |
| Lighting Technology | LED |
| Value ladder | Performance |
| Embedded control | Constant light output |
| CE mark | Yes |
| Warranty period | 5 years |
| Flammability mark | – |
| ENEC mark | ENEC mark |
| Glow-wire test | Temperature 650 °C, duration 5 s |
| EU RoHS compliant | No |

## Light Technical

| | |
|---|---|
| Upward light output ratio | 0.4 |
| Luminous Flux | 1,938 lm |
| Standard tilt angle posttop | 0° |
| Standard tilt angle side entry | – |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 82 lm/W |
| Color rendering index (CRI) | 70 |
| Number of light sources | 4 |
| Light source color | 840 neutral white |
| Optical cover type | Polycarbonate bowl/cover frosted |
| Luminaire light beam spread | 75° |
| Optic type outdoor | Distribution symmetrical |

## Operating and Electrical

| | |
|---|---|
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Initial CLO power consumption | 23.5 W |
| Average CLO power consumption | 23.5 W |
| End CLO power consumption | 24 W |
| Inrush current | 22 A |
| Inrush time | 0.29 ms |
| Power Consumption | 24 W |
| Power Factor (Fraction) | 0.97 |
| Connection | Screw connection block 5-pole |
| Cable | – |
| Number of products on MCB of 16 A type B | 20 |

## Temperature

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

## Controls and Dimming

| | |
|---|---|
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit regulating with constant light output |
| Control interface | – |

| | |
|---|---|
| Constant light output | Yes |

## Mechanical and Housing

| | |
|---|---|
| Housing Material | Aluminum |
| Reflector material | – |
| Optic material | Acrylate |
| Optical cover material | Polycarbonate |
| Fixation material | Steel |
| Housing Color | Silver |
| Mounting device | Post-top for diameter 62 mm |
| Optical cover shape | Conical flat |
| Optical cover finish | Frosted |
| Overall height | 209 mm |
| Overall diameter | 570 mm |
| Effective projected area | 0.051 m² |
| Parts color | All parts colored |

## 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 |
| Protection class IEC | Safety class II |

## 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 % |

## Application Conditions

| | |
|---|---|
| Maximum dim level | Not applicable |

## Product Data

| | |
|---|---|
| Order product name | BDP100 LED35/740 II DS PCF SI CLO 62P |
| Full product name | BDP100 LED35/740 II DS PCF SI CLO 62P |
| Full product code | 871869631967300 |
| Order code | 910500991192 |
| Material Nr. (12NC) | 910500991192 |
| Numerator – Quantity Per Pack | 1 |
| EAN/UPC – Product/Case | 8718696319673 |
| Numerator – Packs per outer box | 1 |
| EAN/UPC – Case | 8718696319673 |

# TownGuide Performer

**Dimensional drawing**

Ø 48-76

70

209

Ø 571

www.lighting.philips.com

2023, December 5 – data subject to change