



TownGuide Performer – flexible, modern designs for every application need

TownGuide Performer

The TownGuide Performer family consists of six recognisable, 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 programmes. 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. We have 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.

TownGuide Performer

Benefits

- Choice of LED light sources, light colours (2,700 K, 3,000 K, 4,000 K) and optics
- Significant energy and carbon savings compared to HPL mercury, SON-T and PL-L compact fluorescent lamps (up to 80% with CLO and/or dimming options)
- Minimum total cost of ownership
- Long lifetime: 100,000 hours from L80 up to L98 (depending on configuration and light colour)
- Easy installation: no need to open luminaire with bayonet whistle connector

Features

- Six designs that blend in with and enhance their surroundings
- New installations or one-to-one replacements
- Dedicated lumen packages (1,200 to 12,000 lm)
- 3 bowl finishes: clear (highest performance), frosted (smooth atmosphere), translucent (enhanced visual comfort)
- 5-year standard warranty, extended warranties or lifecycle services available
- Service tag for easy installation and maintenance.

Application

- Residential areas: residential streets, cycle paths and footpaths, roundabouts, squares, parks and playgrounds, parking areas
- City centres: side streets, squares, parks and playgrounds, cycle paths and footpaths, parking areas, roundabouts, shopping and pedestrian areas
- Area and Transportation: industrial areas, parking areas, petrol stations, airports, harbours, public transport areas
- Sports: parking areas, connecting footpaths

Versions

OPPR BDP100i 0001



OPPR BDP100i 0003

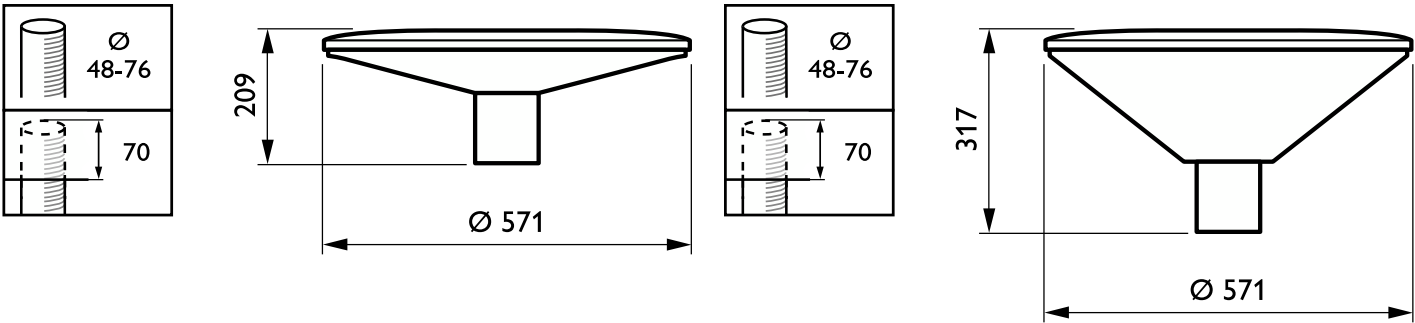


BDP102 TownGuide Performer
Classic cone, clear



TownGuide Performer

Dimensional drawing



Product details



| General Information | |
|--|--|
| Driver included | Yes |
| Light source replaceable | Yes |
| Number of gear units | Unit |
| Service Tag | Yes |
| Light Technical | |
| Upwards light output ratio | 3 |
| Operating and Electrical | |
| Surge Protection (Common/Differential) | Surge protection level until 6 kV differential mode and 6 kV common mode |
| Mechanical and Housing | |
| Mech. impact protection code | IK10 |
| Ingress protection code | IP66 |
| Standard tilt angle side entry | - |
| Standard tilt angle post-top | 0° |
| Approval and Application | |
| CE mark | Yes |
| Flammability mark | - |

General Information

| Order Code | Full Product Name | Lamp family code |
|--------------|--|------------------|
| 910925866289 | BDP100 LED70/830 II DW PCC GR 62P | LED70 |
| 910925868095 | BDP100 LED40/830 DS PCC ALU 76P | LED40 |
| 910925439711 | BDP100 LED60/740 II DS PCF SI 62P | LED60 |
| 910500991021 | BDP102 LED40/830 II DW PCC SI CLO-DDF1 6 | LED40 |
| 910500991086 | BDP102 LED40/740 II DS PCC SI LS-6 62P | LED40 |

Light Technical (1/2)

| Order Code | Full Product Name | Luminaire | Light | Correlated | Colour |
|--------------|-------------------|-------------------|---------------|--------------------------|-----------------------|
| | | light beam spread | source colour | Colour Temperature (Nom) | rendering index (CRI) |
| 910925866289 | BDP100 | 50° x 70° | 830 | 3000 K | 80 |
| | LED70/830 II DW | | warm | | |
| | PCC GR 62P | | white | | |
| 910925868095 | BDP100 | 75° | 830 | 3000 K | 80 |
| | LED40/830 DS | | warm | | |
| | PCC ALU 76P | | white | | |
| 910925439711 | BDP100 | 75° | 740 | 4000 K | 70 |
| | LED60/740 II DS | | neutral | | |
| | PCF SI 62P | | white | | |

| Order Code | Full Product Name | Luminaire | Light | Correlated | Colour |
|--------------|-------------------|-------------------|---------------|--------------------------|-----------------------|
| | | light beam spread | source colour | Colour Temperature (Nom) | rendering index (CRI) |
| 910500991021 | BDP102 | 50° x 70° | 830 | 3000 K | 80 |
| | LED40/830 II | | warm | | |
| | DW PCC SI CLO- | | white | | |
| | DDF1 6 | | | | |
| 910500991086 | BDP102 | 75° | 740 | 4000 K | 70 |
| | LED40/740 II DS | | neutral | | |
| | PCC SI LS-6 62P | | white | | |

Light Technical (2/2)

| Order Code | Full Product Name | Luminous | Number of | |
|--------------|------------------------|----------|---------------|--------------------|
| | | Flux | light sources | Optic type outdoor |
| 910925866289 | BDP100 LED70/830 II | 5,250 lm | - | Distribution |
| | DW PCC GR 62P | | | wide |
| 910925868095 | BDP100 LED40/830 DS | 3,080 lm | - | Distribution |
| | PCC ALU 76P | | | symmetrical |
| 910925439711 | BDP100 LED60/740 II DS | 3,240 lm | 4 | Distribution |
| | PCF SI 62P | | | symmetrical |

| Order Code | Full Product Name | Luminous | Number of | |
|--------------|------------------------|----------|---------------|--------------------|
| | | Flux | light sources | Optic type outdoor |
| 910500991021 | BDP102 LED40/830 II | 3,116 lm | 4 | Distribution |
| | DW PCC SI CLO-DDF1 6 | | | wide |
| 910500991086 | BDP102 LED40/740 II DS | 3,280 lm | 3 | Distribution |
| | PCC SI LS-6 62P | | | symmetrical |

Operating and Electrical

| Order Code | Full Product Name | Power Consumption |
|--------------|-----------------------------------|-------------------|
| 910925866289 | BDP100 LED70/830 II DW PCC GR 62P | 56 W |
| 910925868095 | BDP100 LED40/830 DS PCC ALU 76P | 32.5 W |
| 910925439711 | BDP100 LED60/740 II DS PCF SI 62P | 39 W |

| Order Code | Full Product Name | Power Consumption |
|--------------|--|-------------------|
| 910500991021 | BDP102 LED40/830 II DW PCC SI CLO-DDF1 6 | 32.5 W |
| 910500991086 | BDP102 LED40/740 II DS PCC SI LS-6 62P | 27.5 W |

Controls and Dimming

| Order Code | Full Product Name | Maximum dim | |
|--------------|--|-------------|----------------|
| | | Dimmable | level |
| 910925866289 | BDP100 LED70/830 II DW PCC GR 62P | No | Not applicable |
| 910925868095 | BDP100 LED40/830 DS PCC ALU 76P | No | Not applicable |
| 910925439711 | BDP100 LED60/740 II DS PCF SI 62P | No | Not applicable |
| 910500991021 | BDP102 LED40/830 II DW PCC SI CLO-DDF1 6 | Yes | 50% |

| Order Code | Full Product Name | Maximum dim | |
|--------------|--|-------------|-------|
| | | Dimmable | level |
| 910500991086 | BDP102 LED40/740 II DS PCC SI LS-6 62P | Yes | 50% |

Mechanical and Housing

| Order Code | Full Product Name | Optical cover type | Housing |
|--------------|-----------------------------------|--------------------------------|---------|
| | | | Colour |
| 910925866289 | BDP100 LED70/830 II DW PCC GR 62P | Polycarbonate bowl/cover clear | Grey |

| Order Code | Full Product Name | Optical cover type | Housing |
|--------------|---------------------------------|----------------------------------|---------|
| | | | Colour |
| 910925868095 | BDP100 LED40/830 DS PCC ALU 76P | Polycarbonate bowl/cover frosted | Silver |

| Order Code | Full Product Name | Optical cover type | Housing Colour |
|--------------|--|----------------------------------|----------------|
| 910925439711 | BDP100 LED60/740 II DS PCF SI 62P | Polycarbonate bowl/cover frosted | Silver |
| 910500991021 | BDP102 LED40/830 II DW PCC SI CLO-DDF1 6 | Polycarbonate bowl/cover clear | Silver |

Approval and Application

| Order Code | Full Product Name | Glow-wire test |
|--------------|-----------------------------------|----------------------------------|
| 910925866289 | BDP100 LED70/830 II DW PCC GR 62P | - |
| 910925868095 | BDP100 LED40/830 DS PCC ALU 76P | - |
| 910925439711 | BDP100 LED60/740 II DS PCF SI 62P | Temperature 650 °C, duration 5 s |

| Order Code | Full Product Name | Optical cover type | Housing Colour |
|--------------|--|--------------------------------|----------------|
| 910500991086 | BDP102 LED40/740 II DS PCC SI LS-6 62P | Polycarbonate bowl/cover clear | Silver |

| Order Code | Full Product Name | Glow-wire test |
|--------------|--|----------------------------------|
| 910500991021 | BDP102 LED40/830 II DW PCC SI CLO-DDF1 6 | Temperature 650 °C, duration 5 s |
| 910500991086 | BDP102 LED40/740 II DS PCC SI LS-6 62P | Temperature 650 °C, duration 5 s |

Over Time Performance (IEC Compliant)

| Order Code | Full Product Name | Driver failure rate at 5,000 hours |
|--------------|-----------------------------------|------------------------------------|
| 910925866289 | BDP100 LED70/830 II DW PCC GR 62P | 0.5 % |
| 910925868095 | BDP100 LED40/830 DS PCC ALU 76P | - |
| 910925439711 | BDP100 LED60/740 II DS PCF SI 62P | 0.5 % |

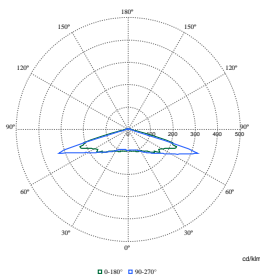
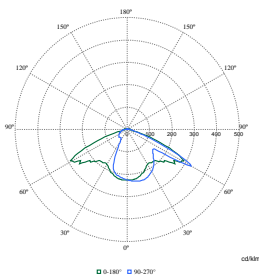
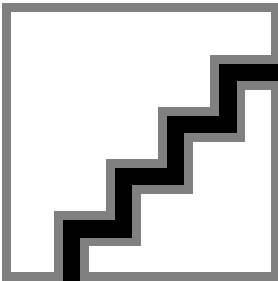
| Order Code | Full Product Name | Driver failure rate at 5,000 hours |
|--------------|--|------------------------------------|
| 910500991021 | BDP102 LED40/830 II DW PCC SI CLO-DDF1 6 | 0.5 % |
| 910500991086 | BDP102 LED40/740 II DS PCC SI LS-6 62P | 0.5 % |

Product Data

| Order Code | Full Product Name | Product family code |
|--------------|-----------------------------------|---------------------|
| 910925866289 | BDP100 LED70/830 II DW PCC GR 62P | BDP100 |
| 910925868095 | BDP100 LED40/830 DS PCC ALU 76P | BDP100 |
| 910925439711 | BDP100 LED60/740 II DS PCF SI 62P | BDP100 |

| Order Code | Full Product Name | Product family code |
|--------------|--|---------------------|
| 910500991021 | BDP102 LED40/830 II DW PCC SI CLO-DDF1 6 | BDP102 |
| 910500991086 | BDP102 LED40/740 II DS PCC SI LS-6 62P | BDP102 |

Polar Wide Diagrams

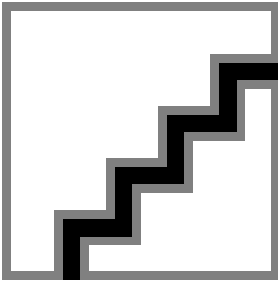


Polar Normal (separate) - BDP100I - 910500991074

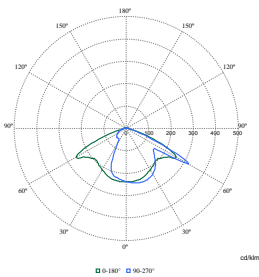
Polar Normal (separate) - BDP100I - 910500991021

Polar Normal (separate) - BDP100I - 910500991086

Polar Wide Diagrams



Polar Normal (separate) - BDP100I - 910500991067



Polar Normal (separate) - BDP100I - 910925866289

