



TownGuide Performer

BDP100











TownGuide Performer – flexible, modern designs for every application need

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. 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.

Benefits

- Choice of LED light sources, light colors (2700K, 3000K, 4000K) 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 color)
- Easy installation: no need to open luminaire with bayonet whistle connector

Applications

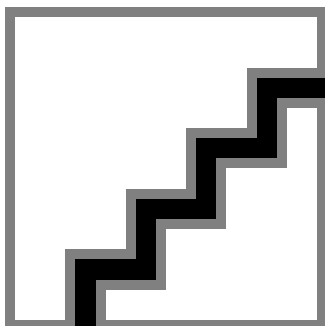
- Residential areas: residential streets, cycle paths and footpaths, roundabouts, squares, parks and playgrounds, parking areas
- City centers: side streets, squares, parks and playgrounds, cycle paths and footpaths, parking areas, roundabouts, shopping and pedestrian areas

- Area and Transportation: industrial areas, parking areas, petrol stations, airports, harbors, public transport areas
- Sports: parking areas, connecting footpaths

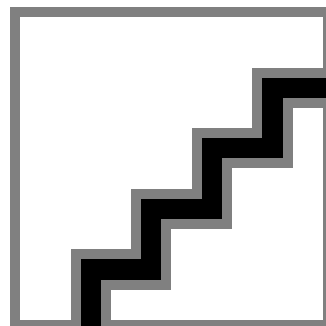
Features

- 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.

Versions



TownGuide



TownGuide

OPPR BDP100i 0001



OPPR BDP100i 0003



BDP101 TownGuide Performer Bowl, frosted



OPPR BDP100i 0005



BDP102 TownGuide Performer Classic cone, clear



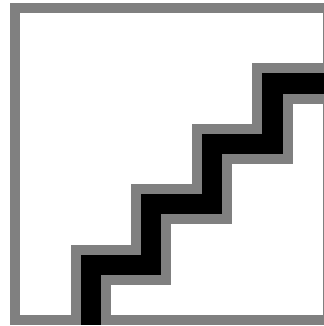
OPPR BDP100i 0015



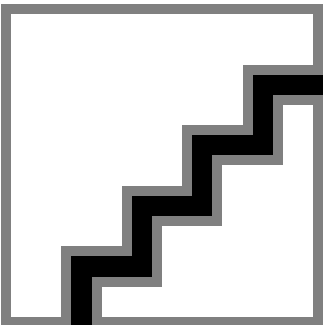
BDP104 TownGuide Performer T, clear



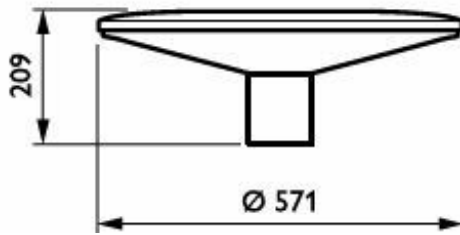
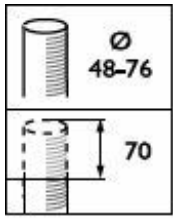
TownGuide



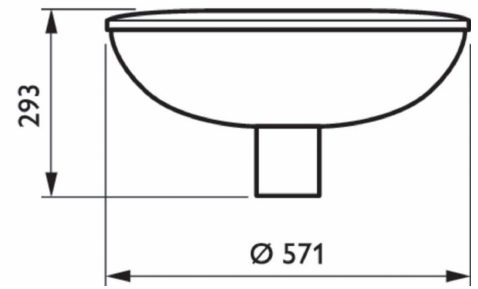
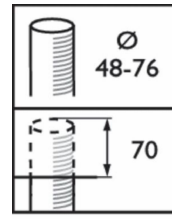
TownGuide



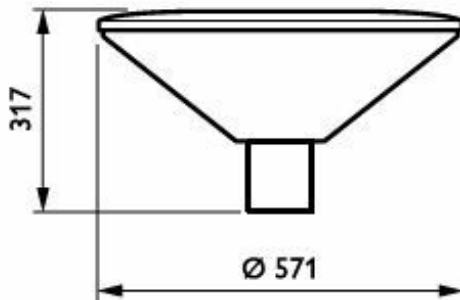
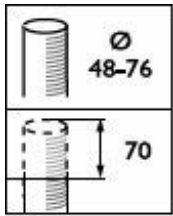
Dimensional drawing



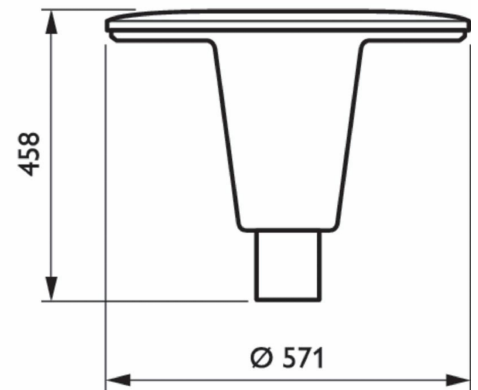
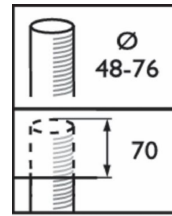
TOWNGUIDE PERF FLAT CONE - LED module 10000 lm - Distribution wide - Polycarbonate bowl/cover frosted - Constant light output - Post-top for diameter 62 mm



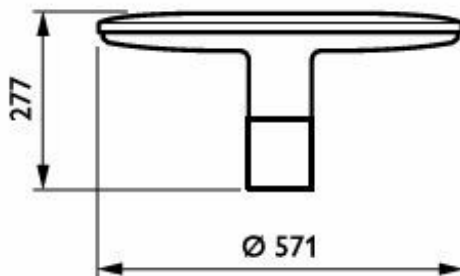
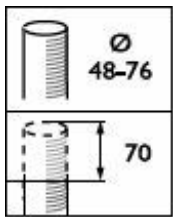
TOWNGUIDE PERF BOWL - LED module 6000 lm - Distribution medium - Polycarbonate bowl/cover clear



TOWNGUIDE PERF CLASSIC CONE - LED Module 2000 lm - Distribution wide - Polycarbonate bowl/cover frosted - Constant light output - Post-top for diameter 62 mm



TOWNGUIDE PERF CLASSIC T - LED module 3500 lm - Distribution wide - Polycarbonate bowl/cover frosted - Constant light output - Post-top for diameter 62 mm



TOWNGUIDE PERF T - LED module 3000 lm - Distribution medium - Polycarbonate bowl/cover clear

Product details



OPDP_BDP100i_0011-
Detail photo



OPDP_BDP100i_0001-
Detail photo



OPDP_BDP100i_0003-
Detail photo



OPDP_BDP100i_0007-
Detail photo



OPDP_BDP100i_0009-
Detail photo



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BDP100_105-DPP.TIF

General Information

| | |
|--------------------------|--------|
| Light source replaceable | Yes |
| Number of gear units | 1 unit |
| Driver included | Yes |
| Service tag | Yes |

Mechanical and Housing

| | |
|--------------------------------|--|
| Housing Color | Silver |
| Ingress protection code | IP66 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK10 [20 J vandal-resistant] |
| Standard tilt angle posttop | 0° |
| Standard tilt angle side entry | - |

Approval and Application

| | |
|-------------------|----------------------------------|
| Glow-wire test | Temperature 650 °C, duration 5 s |
| Flammability mark | - |
| CE mark | Yes |

Over Time Performance (IEC Compliant)

| | |
|-------------------------------|-------|
| Driver failure rate at 5000 h | 0.5 % |
|-------------------------------|-------|

General Information

| Order Code | Full Product Name | Lamp family code |
|--------------|--|------------------|
| 910500991147 | BDP104 LED50/830 DW PCF SI CLO 62P | LED50 |
| 910500991138 | BDP103 LED35/830 DW PCF SI CLO 62P | LED35 |
| 910500991142 | BDP103 LED120/830 DW PCF SI CLO 62P | LED120 |
| 910500991010 | BDP100 LED40/830 II DM PCC SI CLO-LS-6 6 | LED40 |
| 910500991112 | BDP100 LED20/830 DW PCF SI CLO 62P | LED20 |
| 910500991015 | BDP101 LED60/830 II DS PCF SI CLO-DDF2 6 | LED60 |
| 910500991014 | BDP101 LED60/830 II DM PCC SI CLO-DDF2 6 | LED60 |
| 910500991021 | BDP102 LED40/830 II DW PCC SI CLO-DDF1 6 | LED40 |
| 910500991136 | BDP103 LED20/830 DW PCF SI CLO 62P | LED20 |
| 910500991139 | BDP103 LED50/830 DW PCF SI CLO 62P | LED50 |
| 910500991024 | BDP104 LED30/740 II DM PCC SI CLO-LS-8 6 | LED30 |
| 910500991009 | BDP100 LED30/740 DN PCC SI CLO-LS-6 76P | LED30 |
| 910500991115 | BDP100 LED50/830 DW PCF SI CLO 62P | LED50 |
| 910500991117 | BDP100 LED100/830 DW PCF SI CLO 62P | LED100 |
| 910500991023 | BDP102 LED50/830 II DS PCF SI CLO-DDF1 6 | LED50 |
| 910500991128 | BDP102 LED20/830 DW PCF SI CLO 62P | LED20 |
| 910500991129 | BDP102 LED30/830 DW PCF SI CLO 62P | LED30 |
| 910500991130 | BDP102 LED35/830 DW PCF SI CLO 62P | LED35 |
| 910500991131 | BDP102 LED50/830 DW PCF SI CLO 62P | LED50 |
| 910500991132 | BDP102 LED70/830 DW PCF SI CLO 62P | LED70 |

Light Technical

| Order Code | Full Product Name | Upward light output ratio | Luminous Flux | Correlated Color Temperature (Nom) | Color rendering index (CRI) | Number of light sources | Light source color | Luminaire light beam spread | Optic type outdoor |
|--------------|------------------------------------|---------------------------|---------------|------------------------------------|-----------------------------|-------------------------|--------------------|-----------------------------|--------------------|
| 910500991147 | BDP104 LED50/830 DW PCF SI CLO 62P | 3 | 2,208 lm | 3000 K | 80 | 6 | 830 warm white | 50° x 70° | Distribution wide |

| Order Code | Full Product Name | Upward light output ratio | Luminous Flux | Correlated Color Temperature (Nom) | Color rendering index (CRI) | Number of light sources | Light source color | Luminaire light beam spread | Optic type outdoor |
|--------------|--|---------------------------|---------------|------------------------------------|-----------------------------|-------------------------|--------------------|-----------------------------|--------------------------|
| 910500991138 | BDP103 LED35/830 DW PCF SI CLO 62P | 4 | 1,716 lm | 3000 K | 80 | 4 | 830 warm white | 50° x 70° | Distribution wide |
| 910500991142 | BDP103 LED120/830 DW PCF SI CLO 62P | 4 | 4,800 lm | 3000 K | 80 | 8 | 830 warm white | 50° x 70° | Distribution wide |
| 910500991010 | BDP100 LED40/830 II DM PCC SI CLO-LS-6 6 | 3 | 2,888 lm | 3000 K | 80 | 4 | 830 warm white | 53° x 71° | Distribution medium |
| 910500991112 | BDP100 LED20/830 DW PCF SI CLO 62P | 3 | 1,160 lm | 3000 K | 80 | 4 | 830 warm white | 50° x 70° | Distribution wide |
| 910500991015 | BDP101 LED60/830 II DS PCF SI CLO-DDF2 6 | 15 | 2,300 lm | 3000 K | 80 | 8 | 830 warm white | 75° | Distribution symmetrical |
| 910500991014 | BDP101 LED60/830 II DM PCC SI CLO-DDF2 6 | 3 | 4,424 lm | 3000 K | 80 | 8 | 830 warm white | 53° x 71° | Distribution medium |
| 910500991021 | BDP102 LED40/830 II DW PCC SI CLO-DDF1 6 | 3 | 3,116 lm | 3000 K | 80 | 4 | 830 warm white | 50° x 70° | Distribution wide |
| 910500991136 | BDP103 LED20/830 DW PCF SI CLO 62P | 4 | 1,060 lm | 3000 K | 80 | 4 | 830 warm white | 50° x 70° | Distribution wide |
| 910500991139 | BDP103 LED50/830 DW PCF SI CLO 62P | 4 | 2,346 lm | 3000 K | 80 | 6 | 830 warm white | 50° x 70° | Distribution wide |
| 910500991024 | BDP104 LED30/740 II DM PCC SI CLO-LS-8 6 | 3 | 2,204 lm | 4000 K | 70 | 4 | 740 neutral white | 53° x 71° | Distribution medium |
| 910500991009 | BDP100 LED30/740 DN PCC SI CLO-LS-6 76P | 3 | 2,291 lm | 4000 K | 70 | 4 | 740 neutral white | 32° x 29° | Distribution narrow |
| 910500991115 | BDP100 LED50/830 DW PCF SI CLO 62P | 3 | 2,576 lm | 3000 K | 80 | 6 | 830 warm white | 50° x 70° | Distribution wide |
| 910500991117 | BDP100 LED100/830 DW PCF SI CLO 62P | 3 | 4,240 lm | 3000 K | 80 | 6 | 830 warm white | 50° x 70° | Distribution wide |
| 910500991023 | BDP102 LED50/830 II DS PCF SI CLO-DDF1 6 | 10 | 1,900 lm | 3000 K | 80 | 4 | 830 warm white | 75° | Distribution symmetrical |
| 910500991128 | BDP102 LED20/830 DW PCF SI CLO 62P | 10 | 1,200 lm | 3000 K | 80 | 4 | 830 warm white | 50° x 70° | Distribution wide |
| 910500991129 | BDP102 LED30/830 DW PCF SI CLO 62P | 10 | 1,740 lm | 3000 K | 80 | 4 | 830 warm white | 50° x 70° | Distribution wide |
| 910500991130 | BDP102 LED35/830 DW PCF SI CLO 62P | 10 | 1,947 lm | 3000 K | 80 | 4 | 830 warm white | 50° x 70° | Distribution wide |
| 910500991131 | BDP102 LED50/830 DW PCF SI CLO 62P | 10 | 2,714 lm | 3000 K | 80 | 6 | 830 warm white | 50° x 70° | Distribution wide |
| 910500991132 | BDP102 LED70/830 DW PCF SI CLO 62P | 10 | 3,584 lm | 3000 K | 80 | 8 | 830 warm white | 50° x 70° | Distribution wide |

Operating and Electrical

| Order Code | Full Product Name | Power Consumption | Surge Protection (Common/Differential) |
|--------------|--|-------------------|--|
| 910500991147 | BDP104 LED50/830 DW PCF SI CLO 62P | 40 W | Surge protection level until 6 kV differential mode and 6 kV common mode |
| 910500991138 | BDP103 LED35/830 DW PCF SI CLO 62P | 27 W | Surge protection level until 6 kV differential mode and 6 kV common mode |
| 910500991142 | BDP103 LED120/830 DW PCF SI CLO 62P | 92 W | Surge protection level until 6 kV differential mode and 6 kV common mode |
| 910500991010 | BDP100 LED40/830 II DM PCC SI CLO-LS-6 6 | 32.5 W | Surge protection level until 6 kV differential mode and 6 kV common mode |
| 910500991112 | BDP100 LED20/830 DW PCF SI CLO 62P | 15.8 W | Surge protection level until 4 kV differential mode and 4 kV common mode |
| 910500991015 | BDP101 LED60/830 II DS PCF SI CLO-DDF2 6 | 40 W | Surge protection level until 6 kV differential mode and 6 kV common mode |
| 910500991014 | BDP101 LED60/830 II DM PCC SI CLO-DDF2 6 | 46.5 W | Surge protection level until 6 kV differential mode and 6 kV common mode |
| 910500991021 | BDP102 LED40/830 II DW PCC SI CLO-DDF1 6 | 32.5 W | Surge protection level until 6 kV differential mode and 6 kV common mode |
| 910500991136 | BDP103 LED20/830 DW PCF SI CLO 62P | 15.8 W | Surge protection level until 6 kV differential mode and 6 kV common mode |
| 910500991139 | BDP103 LED50/830 DW PCF SI CLO 62P | 40 W | Surge protection level until 6 kV differential mode and 6 kV common mode |
| 910500991024 | BDP104 LED30/740 II DM PCC SI CLO-LS-8 6 | 19.6 W | Surge protection level until 6 kV differential mode and 6 kV common mode |
| 910500991009 | BDP100 LED30/740 DN PCC SI CLO-LS-6 76P | 19.6 W | Surge protection level until 6 kV differential mode and 6 kV common mode |
| 910500991115 | BDP100 LED50/830 DW PCF SI CLO 62P | 40 W | Surge protection level until 6 kV differential mode and 6 kV common mode |
| 910500991117 | BDP100 LED100/830 DW PCF SI CLO 62P | 74 W | Surge protection level until 6 kV differential mode and 6 kV common mode |
| 910500991023 | BDP102 LED50/830 II DS PCF SI CLO-DDF1 6 | 32.5 W | Surge protection level until 6 kV differential mode and 6 kV common mode |
| 910500991128 | BDP102 LED20/830 DW PCF SI CLO 62P | 15.8 W | Surge protection level until 6 kV differential mode and 6 kV common mode |
| 910500991129 | BDP102 LED30/830 DW PCF SI CLO 62P | 23.5 W | Surge protection level until 6 kV differential mode and 6 kV common mode |
| 910500991130 | BDP102 LED35/830 DW PCF SI CLO 62P | 27 W | Surge protection level until 6 kV differential mode and 6 kV common mode |
| 910500991131 | BDP102 LED50/830 DW PCF SI CLO 62P | 40 W | Surge protection level until 6 kV differential mode and 6 kV common mode |
| 910500991132 | BDP102 LED70/830 DW PCF SI CLO 62P | 54 W | Surge protection level until 6 kV differential mode and 6 kV common mode |

Controls and Dimming

| Order Code | Full Product Name | Dimmable | Maximum dim level |
|--------------|------------------------------------|----------|-------------------|
| 910500991147 | BDP104 LED50/830 DW PCF SI CLO 62P | No | Not applicable |

| Order Code | Full Product Name | Dimmable | Maximum dim level |
|--------------|--|----------|-------------------|
| 910500991138 | BDP103 LED35/830 DW PCF SI CLO 62P | No | Not applicable |
| 910500991142 | BDP103 LED120/830 DW PCF SI CLO 62P | No | Not applicable |
| 910500991010 | BDP100 LED40/830 II DM PCC SI CLO-LS-6 6 | Yes | 50% |
| 910500991112 | BDP100 LED20/830 DW PCF SI CLO 62P | No | Not applicable |
| 910500991015 | BDP101 LED60/830 II DS PCF SI CLO-DDF2 6 | Yes | 50% |
| 910500991014 | BDP101 LED60/830 II DM PCC SI CLO-DDF2 6 | Yes | 50% |
| 910500991021 | BDP102 LED40/830 II DW PCC SI CLO-DDF1 6 | Yes | 50% |
| 910500991136 | BDP103 LED20/830 DW PCF SI CLO 62P | No | Not applicable |
| 910500991139 | BDP103 LED50/830 DW PCF SI CLO 62P | No | Not applicable |
| 910500991024 | BDP104 LED30/740 II DM PCC SI CLO-LS-8 6 | Yes | 50% |
| 910500991009 | BDP100 LED30/740 DN PCC SI CLO-LS-6 76P | Yes | 50% |
| 910500991115 | BDP100 LED50/830 DW PCF SI CLO 62P | No | Not applicable |
| 910500991117 | BDP100 LED100/830 DW PCF SI CLO 62P | No | Not applicable |
| 910500991023 | BDP102 LED50/830 II DS PCF SI CLO-DDF1 6 | Yes | 50% |
| 910500991128 | BDP102 LED20/830 DW PCF SI CLO 62P | No | Not applicable |
| 910500991129 | BDP102 LED30/830 DW PCF SI CLO 62P | No | Not applicable |
| 910500991130 | BDP102 LED35/830 DW PCF SI CLO 62P | No | Not applicable |
| 910500991131 | BDP102 LED50/830 DW PCF SI CLO 62P | No | Not applicable |
| 910500991132 | BDP102 LED70/830 DW PCF SI CLO 62P | No | Not applicable |

Mechanical and Housing

| Order Code | Full Product Name | Optical cover type |
|--------------|--|----------------------------------|
| 910500991147 | BDP104 LED50/830 DW PCF SI CLO 62P | Polycarbonate bowl/cover frosted |
| 910500991138 | BDP103 LED35/830 DW PCF SI CLO 62P | Polycarbonate bowl/cover frosted |
| 910500991142 | BDP103 LED120/830 DW PCF SI CLO 62P | Polycarbonate bowl/cover frosted |
| 910500991010 | BDP100 LED40/830 II DM PCC SI CLO-LS-6 6 | Polycarbonate bowl/cover clear |
| 910500991112 | BDP100 LED20/830 DW PCF SI CLO 62P | Polycarbonate bowl/cover frosted |
| 910500991015 | BDP101 LED60/830 II DS PCF SI CLO-DDF2 6 | Polycarbonate bowl/cover frosted |
| 910500991014 | BDP101 LED60/830 II DM PCC SI CLO-DDF2 6 | Polycarbonate bowl/cover clear |
| 910500991021 | BDP102 LED40/830 II DW PCC SI CLO-DDF1 6 | Polycarbonate bowl/cover clear |
| 910500991136 | BDP103 LED20/830 DW PCF SI CLO 62P | Polycarbonate bowl/cover frosted |
| 910500991139 | BDP103 LED50/830 DW PCF SI CLO 62P | Polycarbonate bowl/cover frosted |
| 910500991024 | BDP104 LED30/740 II DM PCC SI CLO-LS-8 6 | Polycarbonate bowl/cover clear |
| 910500991009 | BDP100 LED30/740 DN PCC SI CLO-LS-6 76P | Polycarbonate bowl/cover clear |
| 910500991115 | BDP100 LED50/830 DW PCF SI CLO 62P | Polycarbonate bowl/cover frosted |
| 910500991117 | BDP100 LED100/830 DW PCF SI CLO 62P | Polycarbonate bowl/cover frosted |
| 910500991023 | BDP102 LED50/830 II DS PCF SI CLO-DDF1 6 | Polycarbonate bowl/cover frosted |
| 910500991128 | BDP102 LED20/830 DW PCF SI CLO 62P | Polycarbonate bowl/cover frosted |
| 910500991129 | BDP102 LED30/830 DW PCF SI CLO 62P | Polycarbonate bowl/cover frosted |

| Order Code | Full Product Name | Optical cover type |
|--------------|------------------------------------|----------------------------------|
| 910500991130 | BDP102 LED35/830 DW PCF SI CLO 62P | Polycarbonate bowl/cover frosted |
| 910500991131 | BDP102 LED50/830 DW PCF SI CLO 62P | Polycarbonate bowl/cover frosted |
| 910500991132 | BDP102 LED70/830 DW PCF SI CLO 62P | Polycarbonate bowl/cover frosted |

Product Data

| Order Code | Full Product Name | Product family code |
|--------------|--|---------------------|
| 910500991147 | BDP104 LED50/830 DW PCF SI CLO 62P | BDP104 |
| 910500991138 | BDP103 LED35/830 DW PCF SI CLO 62P | BDP103 |
| 910500991142 | BDP103 LED120/830 DW PCF SI CLO 62P | BDP103 |
| 910500991010 | BDP100 LED40/830 II DM PCC SI CLO-LS-6 6 | BDP100 |
| 910500991112 | BDP100 LED20/830 DW PCF SI CLO 62P | BDP100 |
| 910500991015 | BDP101 LED60/830 II DS PCF SI CLO-DDF2 6 | BDP101 |
| 910500991014 | BDP101 LED60/830 II DM PCC SI CLO-DDF2 6 | BDP101 |
| 910500991021 | BDP102 LED40/830 II DW PCC SI CLO-DDF1 6 | BDP102 |
| 910500991136 | BDP103 LED20/830 DW PCF SI CLO 62P | BDP103 |
| 910500991139 | BDP103 LED50/830 DW PCF SI CLO 62P | BDP103 |
| 910500991024 | BDP104 LED30/740 II DM PCC SI CLO-LS-8 6 | BDP104 |
| 910500991009 | BDP100 LED30/740 DN PCC SI CLO-LS-6 76P | BDP100 |
| 910500991115 | BDP100 LED50/830 DW PCF SI CLO 62P | BDP100 |
| 910500991117 | BDP100 LED100/830 DW PCF SI CLO 62P | BDP100 |
| 910500991023 | BDP102 LED50/830 II DS PCF SI CLO-DDF1 6 | BDP102 |
| 910500991128 | BDP102 LED20/830 DW PCF SI CLO 62P | BDP102 |
| 910500991129 | BDP102 LED30/830 DW PCF SI CLO 62P | BDP102 |
| 910500991130 | BDP102 LED35/830 DW PCF SI CLO 62P | BDP102 |
| 910500991131 | BDP102 LED50/830 DW PCF SI CLO 62P | BDP102 |
| 910500991132 | BDP102 LED70/830 DW PCF SI CLO 62P | BDP102 |