



# TownGuide Performer

## BDP100 LED60/830 II DS PCC SI LS-6 62P

TOWNGUIDE PERF FLAT CONE - LED module 6000 lm -  
Distribution symmetrical - Polycarbonate bowl/cover clear -  
LumiStep dimming 6 hours - Post-top for diameter 62 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      |                             |                               |   |
|--------------------------|-----------------------------|-------------------------------|---|
| Number of light sources  | 4 [ 4 pcs]                  | Driver/power unit/transformer | PSDD [ Power supply unit with DynaDimmer] |
| Lamp family code         | LED60 [ LED module 6000 lm] | Driver included               | Yes                                       |
| Light source color       | 830 warm white              | Optical cover/lens type       | PCC [ Polycarbonate bowl/cover clear]     |
| Light source replaceable | Yes                         | Luminaire light beam spread   | 75°                                       |
| Number of gear units     | 1 unit                      | Embedded control              | LS-6 [ LumiStep dimming 6 hours]          |
|                          |                             | Control interface             | -   |

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|  |  |
|--|--|
| Light regulation                         | Dimming via DynaDimmer integrated in ballast or driver   |
| Connection                               | Screw connection block 5-pole  |
| Cable                                    | -  |
| Protection class IEC                     | Safety class II (II)   |
| Parts color                              | All parts colored  |
| Coating                                  | -  |
| Glow-wire test                           | 650/5 [ Temperature 650 °C, duration 5 s]  |
| Flammability mark                        | NO [ -]  |
| Safety device                            | PCBC [ PCB cover]  |
| CE mark                                  | CE mark  |
| ENEC mark                                | ENEC mark  |
| Warranty period                          | 5 years  |
| Optic type outdoor                       | Distribution symmetrical   |
| Photocell                                | No [ -]  |
| Constant light output                    | No   |
| Number of products on MCB of 16 A type B | 10   |
| EU RoHS compliant                        | Yes  |
| WEEE mark                                | -  |
| Light source engine type                 | LED  |
| Service tag                              | Yes  |
| 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 |
| Product family code                      | BDP100 [ TOWNGUIDE PERF FLAT CONE]   |

## Light technical

|                                |    |
|--------------------------------|----|
| Upward light output ratio      | 3  |
| Standard tilt angle posttop    | 0° |
| Standard tilt angle side entry | -  |

## Operating and electrical

|                    |             |
|--------------------|-------------|
| Input Voltage      | 220-240 V   |
| Input Frequency    | 50 to 60 Hz |
| Inrush current     | 45 A        |
| Inrush time        | 0.285 ms    |
| Power Factor (Min) | 0.96        |
| Power Factor (Nom) | 0.97        |

## Controls and dimming

|          |     |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

## Mechanical and housing

|                             |                                    |
|-----------------------------|------------------------------------|
| Housing Material            | Aluminum                           |
| Reflector material          | -                                  |
| Optic material              | Acrylate                           |
| Optical cover/lens material | Polycarbonate                      |
| Fixation material           | Steel                              |
| Mounting device             | 62P [ Post-top for diameter 62 mm] |

|                                     |                      |
|-------------------------------------|----------------------|
| Optical cover/lens shape            | Conical flat         |
| Optical cover/lens finish           | Clear                |
| Torque                              | 15                   |
| Overall height                      | 209 mm               |
| Overall diameter                    | 570 mm               |
| Effective projected area            | 0.051 m <sup>2</sup> |
| Color                               | Silver               |
| Dimensions (Height x Width x Depth) | 209 x NaN x NaN mm   |

## 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                  | -  |

## Initial performance (IEC compliant)

|                                       |                      |
|---------------------------------------|----------------------|
| Initial luminous flux (system flux)   | 4500 lm              |
| Luminous flux tolerance               | +/-7%                |
| Initial LED luminaire efficacy        | 96 lm/W              |
| Init. Corr. Color Temperature         | 3000 K               |
| Init. Color Rendering Index           | 80                   |
| Initial chromaticity                  | (0.43, 0.40) SDCM <5 |
| Initial input power                   | 47 W                 |
| 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        | 94    |

## Application conditions

|                                    |               |
|------------------------------------|---------------|
| Ambient temperature range          | -40 to +35 °C |
| Performance ambient temperature Tq | 25 °C         |
| Maximum dim level                  | 50%           |

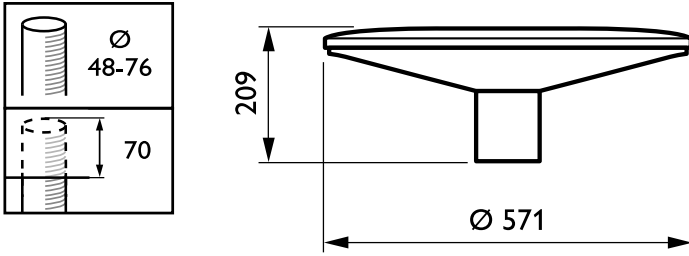
## Product data

|                                 |  |
|---------------------------------|--|
| Full product code               | 871829191016900                        |
| Order product name              | BDP100 LED60/830 II DS PCC SI LS-6 62P |
| EAN/UPC - Product               | 8718291910169                          |
| Order code                      | 91016900                               |
| Numerator - Quantity Per Pack   | 1                                      |
| Numerator - Packs per outer box | 1                                      |
| Material Nr. (12NC)             | 910500991076                           |
| Net Weight (Piece)              | 6.480 kg                               |



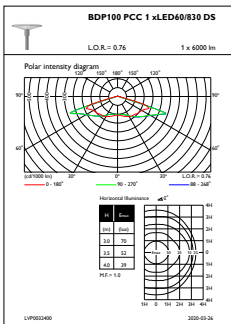
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## Dimensional drawing

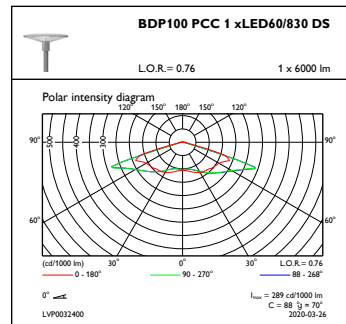


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## Photometric data



OFPL1\_BDP100PCC1xLED60830DS



OFPC1\_BDP100PCC1xLED60830DS

