



# TownGuide Performer

## BDP100 LED30/740 DM PCC SI CLO-DDF1 76P

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

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 included             | Yes  |
| Lamp family code              | LED30 [ LED module 3000 lm]  | Optical cover/lens type     | PCC [ Polycarbonate bowl/cover clear]                                    |
| Light source colour           | 740 neutral white  | Luminaire light beam spread | 53° x 71°  |
| Light source replaceable      | Yes  | Embedded control            | CLO-DDF1 [ Constant light output and DynaDimmer fixed presets version 1] |
| Number of gear units          | 1 unit   | Control interface           | -  |
| Driver/power unit/transformer | PSDD-CLO [ Power supply unit with DynaDimmer and constant light output (integrated)] | Light regulation            | Dimming via DynaDimmer integrated in ballast or driver                   |
|                               |  | Cable                       | -  |

## TownGuide Performer

|                           |                                    |
|---------------------------|------------------------------------|
| Protection class IEC      | Safety class I                     |
| Parts colour              | All parts colored                  |
| Coating                   | -                                  |
| Glow-wire test            | 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                            |
| Outdoor optic type        | Distribution medium                |
| Photocell                 | No [ - ]                           |
| Constant light output     | Yes                                |
| Number of products on MCB | 20                                 |
| RoHS mark                 | RoHS mark                          |
| WEEE mark                 | -                                  |
| LED engine type           | LED                                |
| Product Family Code       | BDP100 [ TOWNGUIDE PERF FLAT CONE] |

### Light Technical

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

### Operating and Electrical

|                               |             |
|-------------------------------|-------------|
| Input voltage                 | 220-240 V   |
| Input frequency               | 50 to 60 Hz |
| Initial CLO power consumption | 20.5 W      |
| Average CLO power consumption | 21 W        |
| End CLO power consumption     | 21 W        |
| Inrush current                | 22 A        |
| Inrush time                   | 0.29 ms     |
| Power factor (min.)           | 0.96        |
| Power factor (nom.)           | 0.93        |

### Controls and Dimming

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

### Mechanical and Housing

|                             |                                    |
|-----------------------------|------------------------------------|
| Housing material            | Aluminium                          |
| Reflector material          | -                                  |
| Optic material              | Acrylate                           |
| Optical cover/lens material | Polycarbonate                      |
| Fixation material           | Steel                              |
| Mounting device             | 76P [ Post-top for diameter 76 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> |
| Colour                   | Silver               |

### Approval and Application

|                              |   |
|------------------------------|---|
| Ingress protection code      | IP66 [ Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK10 [ 20 J vandal-resistant]                 |

### Initial Performance (IEC Compliant)

|                                |                      |
|--------------------------------|----------------------|
| Initial luminous flux          | 2370 lm              |
| Luminous flux tolerance        | +/-7%                |
| Initial LED luminaire efficacy | 116 lm/W             |
| Init. Corr. colour temperature | 4000 K               |
| Init. colour rendering index   | 70                   |
| Initial chromaticity           | (0.38, 0.38) SDCM <5 |
| Initial input power            | 21 W                 |
| Power consumption tolerance    | +/-11%               |

### Over Time Performance (IEC Compliant)

|  |       |
|--|-------|
| Control gear failure rate at median useful life 100000 h | 0.1 % |
| Lumen maintenance at median useful life* 35000 h         | -     |
| Lumen maintenance at median useful life* 50000 h         | -     |
| Lumen maintenance at median useful life* 75000 h         | -     |
| Lumen maintenance at median useful life* 100000 h        | 97    |

### Application Conditions

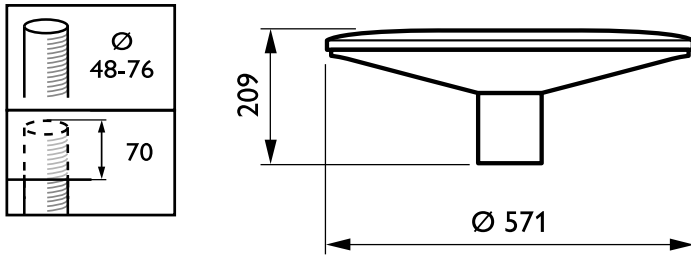
|                                    |               |
|------------------------------------|---------------|
| Ambient temperature range          | -40 to +35 °C |
| Performance ambient temperature Tq | 25 °C         |

### Product Data

|                                 |   |
|---------------------------------|---|
| Full product code               | 871869630244600                         |
| Order product name              | BDP100 LED30/740 DM PCC SI CLO-DDF1 76P |
| EAN/UPC – product               | 8718696302446                           |
| Order code                      | 30244600                                |
| Numerator – quantity per pack   | 1                                       |
| Numerator – packs per outer box | 1                                       |
| Material no. (I2NC)             | 910500991164                            |
| Net weight (piece)              | 6.200 kg                                |

## TownGuide Performer

### Dimensional drawing



TownGuide Performer BDP100-105

