



# **TownGuide Performer**

## BDP101 LED60/830 II DM PCC SI CLO-DDF2 6

BDP101 | TOWNGUIDE PERF BOWL, LED60 | LED module 6000 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, 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 energyreduction programs. This includes LumiStep, DynaDimmer, and LineSwitch standalone 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                         |        |
|---|--------|
| Lamp family code LED60 [LED module 6000 lm] |        |
| Light source replaceable                    | Yes    |
| Number of gear units                        | 1 unit |
| Driver included                             | Yes    |
|   |        |

| Light source engine type | LED         |
|--------------------------|-------------|
| Service tag              | Yes         |
| Lighting Technology      | LED         |
| Value ladder             | Performance |

Datasheet, 2025, January 20 data subject to change

# **TownGuide Performer**

| Serviceability dass         Class / Introduction of expositional parts         Optional cover and parts         Optional cover finish   |  |   |  |  |
|--|--|---|--|--|
| Product of the content of the con    | Serviceability class                     |   | Optic material                             | Acrylate                               |
| Memorability patient         protection devices opties, florts converted and memorability patient         Housing durche         Policy of protection of control patients           Warranty partid         yearnet         Opticat conver finish         Hemisper of protection of control patients           Butter Chemical         - Uniform Control patients         Concellation of minish         50 room           Upward light nouser ratio         8         3         Oorall admitted         70 room           Upward light nouser ratio         44.44 fm         Oorall admitted         70 room           Correlated Color Temperature (Non)         300 no.         Parts color         All parts covered parts (Note)           Color reduring indext (Ris)         000 no.         Parts color         All parts covered parts (Note)           Color reduring indext (Ris)         000 no.         Parts color         All parts covered parts (Note)           Color reduring indext (Ris)         000 no.         Parts color         All parts covered parts (Note)           Color reduring indext (Ris)         000 no.         Parts color         All parts covered parts (Note)           Update type counties         500 no.         Parts (Note)         Parts (Note)         Parts (Note)           District type counties         500 no.         Parts (Note)         Parts (Note)         Parts (Note) </th <th></th> <th>serviceable parts (when applicable): LED</th> <th>Optical cover material</th> <th>Polycarbonate</th>  |  | serviceable parts (when applicable): LED    | Optical cover material                     | Polycarbonate                          |
| Mounting device   Post top for dumnited Q2 mm  |  | board, driver, control units, surge         | Fixation material                          | Steel                                  |
| Marranty period  |  | protection device, optics, front cover and  | Housing Color                              | Silver                                 |
| Substitude billity rating         Light Technical         Choral length         Choral cover frieth  |  | mechanical parts                            | Mounting device                            | Post-top for diameter 62 mm            |
|  | Warranty period                          | 5 years                                     | Optical cover shape                        | Hemispherical                          |
|  | Sustainability rating                    | Lighting for circularity                    | Optical cover finish                       | Clear                                  |
|  |  |   | Overall length                             | 570 mm                                 |
| Luminous Flux         4.424 lum         Overail diameter         570 mm           Correlated Color Temperature (Nom)         3000 K         Dilmensions (Relights A Width x Deptib)         293 x 570 x 570 mm           Luminous Efficacy (pateal) (Nom)         102 Im/W         Parts color         All parts colored           Number of light sources         8         Heart source color         810 warm white         Mech. impact protection code         IP66 (Dust penetration-protected, jet-point)           Luminate light beam spread         37 x 77         Mech. impact protection code         IR10 (20 J vande)-resistant)           Effective projected area         0.095 m²         Standard tilt angle lade entry         -           Operating and Electrical         Strong of the Standard tilt angle side entry         -           Input Voltage         200-240 V         Approval and Application         Temperature (50° Y., duration 5 sin the sin thin sin the side of the side  | Light Technical                          |   | Overall width                              | 570 mm                                 |
|  | Upward light output ratio                | 3   | Overall height                             | 293 mm                                 |
| Description   102 lang   102 lang   103 la   | Luminous Flux                            | 4,424 lm                                    | Overall diameter                           | 570 mm                                 |
| The control girls sources   B   Sources      | Correlated Color Temperature (Nom)       | 3000 K                                      | Dimensions (Height x Width x Depth)        | 293 x 570 x 570 mm                     |
| Number of light sources  | Luminous Efficacy (rated) (Nom)          | 102 lm/W                                    | Parts color                                | All parts colored                      |
| Light source color   830 warm white   Mech impact protection code   NKIO [20 J wonded irreisidant]   | Color rendering index (CRI)              | 80  | Ingress protection code                    | IP66 [Dust penetration-protected, jet- |
| Commonifier light beam spread  | Number of light sources                  | 8   |  | proof]                                 |
| Standard titt angle side entry   | Light source color                       | 830 warm white                              | Mech. impact protection code               | IK10 [20 J vandal-resistant]           |
| Effective projected area   0.095 m²   Optical cover type   Polycarbonate bowl/cover clear  | Luminaire light beam spread              | 53° x 71°                                   | Standard tilt angle posttop                | 0°                                     |
| Net Weight (Piece)   6.830 kg  | Optic type outdoor                       | Distribution medium                         | Standard tilt angle side entry             | -                                      |
| Injust Voltage   220-240 V   | Effective projected area                 | 0.095 m²                                    | Optical cover type                         | Polycarbonate bowl/cover clear         |
| Input Voltage 220-240 V Line Frequency 50 to 60 Hz Line Frequency 50 to 60 Hz Initial CLO power consumption 435 W End CLO power consumption 455 W End CLO power consumption 465 W ENEC mark Yes ENEC mark Initial Performance ambient temperature Tq 25 °C Ambient temperature range -40 to +35 °C  Initial Performance (IEC Compliant) Luminous flux tolerance +/-7% Initial Performance (IEC Compliant) Luminous flux tolerance +/-7% Initial Chor man products on MCB of 16 A type B 10 Initial chromaticity (0.43 .0.40) SDCM <5  Ended Power consumption tolerance +/-2 Standard Deviation of Colour Matching (McAdam ellipse)  Over Time Performance (IEC Compliant) Driver failure rate at median useful life soon on the fixed presents version 2 Protection (interface Programmable (via DALI or NFC) standard power at median useful life soon on the fixed presents version 2 Photocell  Ocntrol gear failure rate at median useful life soon on the maintenance at median useful life soon on the maintenanc |  |   | Net Weight (Piece)                         | 6.830 kg                               |
| Controls and Dimming   Control Ass IEC   Safety class II   Luminaire surge protection (Common/Differential)   Luminaire surge protection level until 6 kV differential mode and 6 kV common mode   Control s and Dimming   Programmable (via DALI or NFC) standalight output (ntegrated)   Control gear failure rate at median useful life*   Control gear failure rate a   | Operating and Electrical                 |   |  |  |
| Initial CLO power consumption 43.5 W Flammability mark   | Input Voltage                            | 220-240 V                                   | Approval and Application                   |  |
| Average CLO power consumption 45 W End CLO power consumption 46.5 W Inrush current 45 A Inrush current 0.285 ms Power Consumption 46.5 W Power Consumption 46.5 W Power Consumption 46.5 W Ambient temperature Tq 25 °C  Connection 5crew connection block 5-pole Cable Number of products on MCB of 16 A type B 10 Initial Performance (IEC Compliant) Luminous flux tolerance 1/-7% Initial Chromaticity (0.43, 0.40) SDCM <5  Protection class IEC Safety class II  Controls and Dimming  Controls and Dimming  Dimmable Yes  Driver/power unit/transformer Power supply unit with DynaDimmer and alone dimming  Constant light output (integrated) alone dimming  Constant light output  Constant light output  Maximum dim level 50% Embedded control Constant light output and DynaDimmer fixed presets version 2 Photocell  Mechanical and Housing  Aluminum  Aluminum  Coret product name BDP101LED60/830 II DM PCC SI CLO-  | Line Frequency                           | 50 to 60 Hz                                 | Glow-wire test                             | Temperature 650 °C, duration 5 s       |
| End CLO power consumption 46.5 W ENEC mark ENEC mark  Inrush current 45 A EU RoHS compliant Yes  Use Power Consumption 46.5 W Performance ambient temperature Tq 25 °C  Power Consumption 46.5 W Ambient temperature range -40 to +35 °C  Power Consumption Screw connection block 5-pole Initial Performance (IEC Compliant)  Cable - Initial Performance (IEC Compliant)  Luminous flux tolerance +/-7%  Number of products on MCB of 16 A type B 10 Initial chromaticity (0.43, 0.40) SDCM <5  Protection class IEC Safety class II Power consumption tolerance +/-10%  Initial Chromaticity (0.43, 0.40) SDCM <5  Power consumption tolerance +/-2  Standard Deviation of Colour Matching (McAdam ellipse)  Controls and Dimming  Dimmable Yes  Control interface Power supply unit with DynaDimmer and constant light output (integrated)  Control interface Programmable (via DALI or NFC) standalone dimming  Constant light output (integrated)  Constant light output with 50%  Maximum dim level 50%  Embedded control Constant light output and DynaDimmer fixed presents version 2  Photocell - Constant light output and DynaDimmer fixed presents version 2  Product Data  Order product name BDPI01 LED60/830 II DM PCC SICLO-  | Initial CLO power consumption            | 43.5 W                                      | Flammability mark                          | -                                      |
| Inrush current   | Average CLO power consumption            | 45 W  | CE mark                                    | Yes                                    |
| Inrush time 0.285 ms Performance ambient temperature Tq 25 °C Power Consumption 46.5 W Ambient temperature range -40 to +35 °C  Power Factor (Fraction) 0.96  Connection Screw connection block 5-pole  Cable Initial Performance (IEC Compliant)  Luminous flux tolerance /-/-7%  Initial Performance (IEC Compliant)  Luminous flux tolerance /-/-10%  Initial chromaticity (0.43, 0.40) SDCM <5  Power consumption tolerance /-/-10%  Initial color Rendering Index Tolerance /-/-2  Standard Deviation of Colour Matching (McAdam ellipse)  Controls and Dimming  Dimmable Yes  Over Time Performance (IEC Compliant)  Driver/power unit/transformer Power supply unit with DynaDimmer and constant light output (integrated)  Control interface Programmable (via DALI or NFC) standalone dimming  Constant light output Yes  Maximum dim level 50%  Embedded control Constant light output and DynaDimmer fixed presets version 2  Mechanical and Housing  Housing Material Aluminum  Ocean product name  Driver product name  | End CLO power consumption                | 46.5 W                                      | ENEC mark                                  | ENEC mark                              |
| Power Consumption 46.5 W  Power Factor (Fraction) 0.96  Connection Screw connection block 5-pole Cable - Initial Performance (IEC Compliant)  Luminous flux tolerance  | Inrush current                           | 45 A  | EU RoHS compliant                          | Yes                                    |
| Power Factor (Fraction)   0.96   | Inrush time                              | 0.285 ms                                    | Performance ambient temperature Tq         | 25 ℃                                   |
| Connection Screw connection block 5-pole  Cable  | Power Consumption                        | 46.5 W                                      | Ambient temperature range                  | -40 to +35 °C                          |
| Luminous flux tolerance   +/-7%  | Power Factor (Fraction)                  | 0.96  |  |  |
| Number of products on MCB of 16 A type B  Protection class IEC  Safety class II  Frotection (Common/Differential)  Luminaire surge protection level until 6 kV differential mode and 6 kV common mode  Controls and Dimming  Dimmable  Power supply unit with DynaDimmer and constant light output (integrated) alone dimming  Constant light output  Aximum dim level  Embedded control  Constant light output and DynaDimmer fixed presets version 2  Photocell  Auminum Material  Aluminum  Initial chromaticity  Power consumption tolerance  +/-10%  Initial chromaticity  Power consumption tolerance  +/-10%  Initial chromaticity  Aluminaticity  Colta, 0,40,30,40,9DCM <5  Power consumption tolerance  +/-10%  Initial chromaticity  Aluminaticity  Colta, 0,40,40,5DCM <5  Power consumption tolerance  +/-10%  Init. Color Rendering Index Tolerance  +/-2  Standard Deviation of Colour Matching  (McAdam ellipse)   Over Time Performance (IEC Compliant)  Driver failure rate at 5000 h  0,5 %  Control gear failure rate at median useful  Iife 50000 h  Control gear failure rate at median useful  Iife 50000 h  Lumen maintenance at median useful life*  10%  Lumen maintenance at median useful life*  109  Aluminum   | Connection                               | Screw connection block 5-pole               | Initial Performance (IEC Compliant)        |  |
| Protection class IEC Safety class II  Surge Protection (Common/Differential) Luminaire surge protection level until 6 kV differential mode and 6 kV common mode  Controls and Dimming  Dimmable Yes Over Time Performance (IEC Compliant) Driver/power unit/transformer Power supply unit with DynaDimmer and constant light output (integrated) Control interface Programmable (via DALI or NFC) standalone dimming  Constant light output Asximum dim level Sow Embedded control Constant light output and DynaDimmer fixed presets version 2  Photocell  Mechanical and Housing Housing Material Aluminum  Aluminum  Aluminum  Aluminum  Power consumption tolerance H/-10% Init. Color Rendering Index Tolerance H/-2  Standard Deviation of Colour Matching McAdam ellipse)  Over Time Performance (IEC Compliant) Driver failure rate at 5000 h  Control gear failure rate at median useful Ité 50000 h  Lumen maintenance at median useful Ité 50000 h  Lumen maintenance at median useful life* L97  Source  | Cable                                    |   | Luminous flux tolerance                    | +/-7%                                  |
| Surge Protection (Common/Differential)  Luminaire surge protection level until 6 kV differential mode and 6 kV common mode  Controls and Dimming  Dimmable  Yes  Driver/power unit/transformer  Power supply unit with DynaDimmer and constant light output (integrated)  Control interface  Programmable (via DALI or NFC) standalone dimming  Constant light output  Yes  Life 50000 h  Maximum dim level  50%  Lumen maintenance at median useful life*  Lumen  | Number of products on MCB of 16 A type B | 10  | Initial chromaticity                       | (0.43, 0.40) SDCM <5                   |
| Standard Deviation of Colour Matching (McAdam ellipse)  Controls and Dimming  Dimmable Yes  Driver/power unit/transformer Power supply unit with DynaDimmer and constant light output (integrated)  Control interface Programmable (via DALI or NFC) standalone dimming  Constant light output Yes  Maximum dim level 50%  Embedded control Constant light output and DynaDimmer fixed presets version 2  Photocell  Mechanical and Housing  Housing Material Aluminum  Standard Deviation of Colour Matching (McAdam ellipse)  SDCMS5  (McAdam ellipse)  Over Time Performance (IEC Compliant)  Driver failure rate at 5000 h 0.5 %  Control gear failure rate at median useful 15 %  Lumen maintenance at median useful 10 %  Lumen maintenance at median useful life* L97  Lumen maintenance at median useful life* L93  Product Data  Order product name BDP101 LED60/830 II DM PCC SI CLO-  | Protection class IEC                     | Safety class II                             | Power consumption tolerance                | +/-10%                                 |
| Controls and Dimming  Dimmable Yes  Driver/power unit/transformer  Power supply unit with DynaDimmer and constant light output (integrated)  Control interface  Programmable (via DALI or NFC) standalone dimming  Constant light output  Yes  Constant light output  Yes  Ilife 50000 h  Control gear failure rate at median useful 10 %  Univer failure rate at median useful 10 %  Lumen maintenance at median useful life*  Lumen maintenance at median useful life*  Driver failure rate at median useful 10 %  Lumen maintenance at median useful life*  Lumen maintenance at median useful life*  Driver failure rate at median useful 10 %  Lumen maintenance at median useful life*  Lumen maintenance at median useful life*  Lumen maintenance at median useful life*  Driver failure rate at median useful 10 %  Lumen maintenance at median useful life*  Lumen maintenance at median useful life*  Driver failure rate at median useful life*  Lumen maintenance at median useful life*  Driver failure rate at  | Surge Protection (Common/Differential)   | Luminaire surge protection level until 6 kV | Init. Color Rendering Index Tolerance      | +/-2                                   |
| Controls and Dimming  Dimmable Yes  Driver/power unit/transformer Power supply unit with DynaDimmer and constant light output (integrated)  Control interface Programmable (via DALI or NFC) standalone dimming  Constant light output Yes  Iffe 100000 h  Maximum dim level 50%  Embedded control Constant light output and DynaDimmer fixed presets version 2  Photocell -  Mechanical and Housing  Housing Material Aluminum  Over Time Performance (IEC Compliant)  Driver failure rate at 5000 h  O.5 %  Control gear failure rate at median useful life 50000 h  Life 50000 h  Lumen maintenance at median useful life* L97  50000 h  Lumen maintenance at median useful life* L93  Product Data  Order product name BDP101 LED60/830 II DM PCC SI CLO-  |  | differential mode and 6 kV common mode      | Standard Deviation of Colour Matching      | SDCM≤5                                 |
| Dimmable Yes Over Time Performance (IEC Compliant) Driver/power unit/transformer Power supply unit with DynaDimmer and constant light output (integrated) Control interface Programmable (via DALI or NFC) standalone dimming Constant light output Yes Iife 100000 h  Maximum dim level 50% Lumen maintenance at median useful life* Embedded control Constant light output and DynaDimmer fixed presets version 2 Photocell  Product Data Over Time Performance (IEC Compliant) Driver failure rate at 5000 h Control gear failure rate at median useful 10 % Lumen maintenance at median useful life* L97  Found by Tender of the Compliant of the Control gear failure rate at median useful 10 % Lumen maintenance at median useful life of the Control gear failure rate at median useful 10 %  Lumen maintenance at median useful life of the Control gear failure rate at median useful 10 %  Lumen maintenance at median useful life of the Control gear failure rate at median useful 10 %  Lumen maintenance at median useful life of the Control gear failure rate at median useful 10 %  Product Data  Order product name  BDP101 LED60/830 II DM PCC SI CLO-   |  |   | (McAdam ellipse)                           |  |
| Driver/power unit/transformer  Power supply unit with DynaDimmer and constant light output (integrated)  Control interface  Programmable (via DALI or NFC) standalone dimming  Constant light output  Yes  Iife 100000 h  Lumen maintenance at median useful life*  Embedded control  Constant light output and DynaDimmer fixed presets version 2  Photocell  Product Data  Driver failure rate at 5000 h  O.5 %  Control gear failure rate at median useful life 50000 h  Lumen maintenance at median useful life* L97  Foodoo h  Lumen maintenance at median useful life* L93  Product Data  Order product name  BDP101 LED60/830 II DM PCC SI CLO-   | Controls and Dimming                     |   |  |  |
| Control interface Programmable (via DALI or NFC) standalone dimming Constant light output Yes Life 100000 h  Maximum dim level 50% Lumen maintenance at median useful life* 50000 h  Lumen maintenance at median useful life* 50000 h  Lumen maintenance at median useful life* 50000 h  Lumen maintenance at median useful life* 1097  Embedded control Constant light output and DynaDimmer fixed presets version 2 Photocell  Mechanical and Housing Housing Material Aluminum  Aluminum  Control gear failure rate at median useful 10 %  Lumen maintenance at median useful life* L97  Lumen maintenance at median useful life* L93  Product Data Order product name BDP101 LED60/830 II DM PCC SI CLO-   | Dimmable                                 | Yes   | Over Time Performance (IEC Complia         | nt)                                    |
| Control interface Programmable (via DALI or NFC) standalone dimming Life 50000 h  Constant light output Yes Life 100000 h  Maximum dim level 50% Lumen maintenance at median useful life* L97  Embedded control Constant light output and DynaDimmer fixed presets version 2 Lumen maintenance at median useful life* L93  Photocell - 100000 h  Mechanical and Housing Product Data  Housing Material Aluminum Order product name BDP101 LED60/830 II DM PCC SI CLO-  | Driver/power unit/transformer            |   | Driver failure rate at 5000 h              | 0.5 %                                  |
| Aluminum dim level 50%   |  |   | Control gear failure rate at median useful | 5 %                                    |
| Constant light output Yes life 100000 h  Maximum dim level 50% Lumen maintenance at median useful life* 50000 h  Lumen maintenance at median useful life* 50000 h  Lumen maintenance at median useful life* L93  Photocell - 100000 h  Mechanical and Housing Housing Material Aluminum Order product Data  BDP101 LED60/830 II DM PCC SI CLO-   | Control interface                        |   | life 50000 h                               |  |
| Maximum dim level 50%  Embedded control Constant light output and DynaDimmer fixed presets version 2  Photocell - 100000 h  Mechanical and Housing  Housing Material Aluminum  Lumen maintenance at median useful life* L93  Lumen maintenance at median useful life* L93  Product Data  Order product name  BDP101 LED60/830 II DM PCC SI CLO-  |  |   | Control gear failure rate at median useful | 10 %                                   |
| Embedded control  Constant light output and DynaDimmer fixed presets version 2  Lumen maintenance at median useful life* L93  Photocell  - 100000 h  Mechanical and Housing  Housing Material  Aluminum  Order product name  BDP101 LED60/830 II DM PCC SI CLO-  |  |   | life 100000 h                              |  |
| Photocell - 100000 h  Mechanical and Housing Housing Material Aluminum   |  |   |  | L97                                    |
| Photocell - 100000 h  Mechanical and Housing Product Data  Housing Material Aluminum Order product name BDP101 LED60/830 II DM PCC SI CLO-   | Embedded control                         |   | 50000 h                                    |  |
| Mechanical and Housing Product Data  Housing Material Aluminum Order product name BDP101 LED60/830 II DM PCC SI CLO-   |  | nxed presets version 2                      |  | L93                                    |
| Housing Material Aluminum Order product name BDP101 LED60/830 II DM PCC SI CLO-  | Photocell                                | -   | 100000 h                                   |  |
| Housing Material Aluminum Order product name BDP101 LED60/830 II DM PCC SI CLO-  | Made visal and U                         |   |  |  |
| <del></del> _ i i  |  | Alumataum                                   |  |  |
| RETILECTOR MATERIAL - DDF2 6   |  |   | Order product name                         |  |
|  | nenector material                        |   |  | טערע ס                                 |

### **TownGuide Performer**

| Full product name             | BDP101 LED60/830 II DM PCC SI CLO- |  |
|-------------------------------|------------------------------------|--|
|                               | DDF2 6                             |  |
| Full product code             | 871829190613100                    |  |
| Order code                    | 910500991014                       |  |
| Material Nr. (12NC)           | 910500991014                       |  |
| Numerator - Ouantity Per Pack | 1                                  |  |

| EAN/UPC - Product/Case          | 8718291906131                |
|---------------------------------|------------------------------|
| Numerator - Packs per outer box | 1                            |
| EAN/UPC - Case                  | 8718291906131                |
| Product family code             | BDP101 [TOWNGUIDE PERF BOWL] |
|                                 |                              |

#### Dimensional drawing





