# **PHILIPS** Lighting



# **TownGuide Performer**

# BDP102 LED60/830 DW PCF SI LS-8 62P

TOWNGUIDE PERF CLASSIC CONE, LED GreenLine 6000 lm, Distribution wide, Polycarbonate bowl/cover frosted, LumiStep dimming 8 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, 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		Number of gear units	1 unit
Lamp family code	GRN60 [LED GreenLine 6000 lm]	Driver included	Yes
Light source replaceable	Yes	Photocell	-

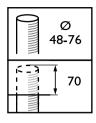
## **TownGuide Performer**

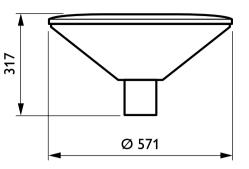
Light source engine type	LED	
Product family code	BDP102 [TOWNGUIDE PERF CLASSIC	
	CONE]	
Lighting Technology	LED	
Value ladder	Performance	
Embedded control	LumiStep dimming 8 hours	
CE mark	Yes	
Warranty period	5 years	
Flammability mark	-	
ENEC mark	ENEC mark	
Glow-wire test	Temperature 650 °C, duration 5 s	
EU RoHS compliant	No	
Light Technical		
Upward light output ratio	0.4	
Luminous Flux	3,360 lm	
Standard tilt angle posttop	0°	
Standard tilt angle side entry	-	
Correlated Color Temperature (Nom)	3000 K	
Luminous Efficacy (rated) (Nom)	71 lm/W	
Color rendering index (CRI)	80	
	8	
Number of light sources	o 830 warm white	
Light source color		
Optical cover type	Polycarbonate bowl/cover frosted	
Luminaire light beam spread	50° x 70°	
Optic type outdoor	Distribution wide	
Operating and Electrical		
Operating and Electrical	220 to 240 V	
Input Voltage	220 to 240 V	
Line Frequency	50 to 60 Hz	
Inrush current	45 A 0.285 ms	
Inrush time Power Consumption	47 W	
·		
Power Factor (Fraction) Connection	0.97 Screw connection block 5-pole	
	Screw connection block p-bole	
Cable	<b>P</b> 10	
Number of products on MCB of 16 A type		
Temperature		
	-40 to +35 ℃	
Ambient temperature range	-40 LO TOD C	
Controls and Dimming		
Controls and Dimming Dimmable	Voc	
	Yes	
Driver/power unit/transformer Control interface	Power supply unit with DynaDimmer	
Constant light output	No	

Housing Material       Aluminum         Reflector material       -         Optic material       Polycarbonate         Fixation material       Steel         Housing Color       Silver         Mounting device       Post-top for diameter 62 mm         Optical cover shape       Conical         Optical cover finish       Frosted         Overall height       317 mm         Overall diameter       570 mm         Effective projected area       0.088 m <sup>3</sup> Parts color       All parts colored         Approval and Application       Inferential mode and 6 kV common mode         Protection code       IK10 [20 J vandal-resistant]         Surge Protection code       IK10 [20 J vandal-resistant]         Surge Protection code       IK10 [20 J vandal-resistant]         Surge Protection code       IK10 [20 J vandal-resistant]         Initial Performance (IEC Compliant)       Luminaure surge protection level until 6 kV afferential mode and 6 kV common mode         Prover onsumption tolerance       +/-7%         Initial chromaticity       (0.43, 0.40) SDCM <5         Power onsumption tolerance       +/-2         Over Time Performance (IEC Compliant)       Initial chromaticity         Driver failure rate at 5000 h       0.5 %			
Prefector material       -         Optic material       Acrylate         Optical cover material       Polycarbonate         Fixation material       Steel         Housing Color       Silver         Mounting device       Post-top for diameter 62 mm         Optical cover shape       Conical         Optical cover finish       Frosted         Overall height       317 mm         Overall diameter       570 mm         Effective projected area       0.088 m³         Parts color       All parts colored         Approval and Application       Inferential mode and 6 kV common mode         Protection code       IP66 [Dust penetration-protected, jet-proof         Mech. impact protection code       IK10 [20 J vandal-resistant]         Surge Protection code       IV61 [20 J vandal-resistant]         Surge Protection class IEC       Safety class I         Initial Performance (IEC Compliant)       Luminous flux tolerance         Luminous flux tolerance       +/-7%         Initial chromaticity       (0.43, 0.40) SDCM <5         Power consumption tolerance       +/-2         Over Time Performance (IEC Compliant)       Image: Same second seco	Mechanical and Housing		
Optic material         Acrylate           Optical cover material         Polycarbonate           Fixation material         Steel           Housing Color         Sillver           Mounting device         Post-top for diameter 62 mm           Optical cover shape         Conical           Optical cover finish         Frosted           Overall height         317 mm           Overall diameter         570 mm           Effective projected area         0.088 m³           Parts color         All parts colored           Approval and Application         Ingress protection code           Ingress 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           Protection class IEC         Safety class 1           Initial Performance (IEC Compliant)         Luminous flux tolerance           Luminous flux tolerance         +/-7%           Initia chromaticity         (0.43, 0.40) SDCM <5           Power consumption tolerance         +/-2           Over Time Performance (IEC Compliant)         Image: State St		Aluminum	
Polycarbonate         Polycarbonate         Fixation material       Steel         Housing Color       Silver         Mounting device       Post-top for diameter 62 mm         Optical cover shape       Conical         Optical cover finish       Frosted         Overall height       317 mm         Overall diameter       570 mm         Effective projected area       0.088 m <sup>3</sup> Parts color       All parts colored         Approval and Application       Images protection code         Ingress 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         Protection class IEC       Safety class 1         Initial Performance (IEC Compliant)       Luminous flux tolerance         Luminous flux tolerance       +/-7%         Initial chromaticity       (0.43, 0.40) SDCM <5         Power consumption tolerance       +/-2         Over Time Performance (IEC Compliant)       Drover Time Performance (IEC Compliant)         Driver failure rate at 5000 h       0.5 %         Application Conditions       Maximum dim level         Product Data       S0%         Order product name       BD		-	
Fixation material       Steel         Housing Color       Silver         Mounting device       Post-top for diameter 62 mm         Optical cover shape       Conical         Optical cover finish       Frosted         Overall height       317 mm         Overall diameter       570 mm         Effective projected area       0.088 m³         Parts color       All parts colored         Approval and Application       Ingress protection code         Ingress 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         Protection class IEC       Safety class 1         Initial Performance (IEC Compliant)       Luminous flux tolerance         Luminous flux tolerance       +/-7%         Initial chromaticity       (0.43, 0.40) SDCM <5         Power consumption tolerance       +/-2         Over Time Performance (IEC Compliant)       Drover failure rate at 5000 h         O.5 %		Acrylate	
Housing Color       Silver         Mounting device       Post-top for diameter 62 mm         Optical cover shape       Conical         Optical cover finish       Frosted         Overall height       317 mm         Overall diameter       570 mm         Effective projected area       0.088 m²         Parts color       All parts colored         Approval and Application       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         Protection class IEC       Safety class I         Initial Performance (IEC Compliant)       Luminous flux tolerance         Luminous flux tolerance       +/-7%         Initial chromaticity       (0.43, 0.40) SDCM <5         Power consumption tolerance       +/-10%         Init. Color Rendering Index Tolerance       +/-2         Over Time Performance (IEC Compliant)       Explication Conditions         Maximum dim level       50%         Product Data       On/s         Order product name       BDP102 LED60/830 DW PCF SI LS-8 62P         Full product code       871869631962800         Order code	Optical cover material	Polycarbonate	
Mounting device       Post-top for diameter 62 mm         Optical cover shape       Conical         Optical cover finish       Frosted         Overall height       317 mm         Overall diameter       570 mm         Effective projected area       0.088 m²         Parts color       All parts colored         Approval and Application       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         Protection class IEC       Safety class I         Initial Performance (IEC Compliant)       Luminous flux tolerance         Luminous flux tolerance       +/-7%         Initial chromaticity       (0.43, 0.40) SDCM <5         Power consumption tolerance       +/-10%         Init. Color Rendering Index Tolerance       +/-2         Over Time Performance (IEC Compliant)       Driver failure rate at 5000 h         Driver failure rate at 5000 h       0.5 %         Product Data       S0%         Product name       BDP102 LED60/830 DW PCF SI LS-8 62P         Full product name       BDP102 LED60/830 DW PCF SI LS-8 62P         Full product name       BDP102 LED60/830 DW PCF	Fixation material	Steel	
Optical cover shape         Conical           Optical cover finish         Frosted           Overall height         317 mm           Overall diameter         570 mm           Effective projected area         0.088 m²           Parts color         All parts colored           Approval and Application         Interses protection code           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           Protection class IEC         Safety class 1           Initial Performance (IEC Compliant)         Luminous flux tolerance           Luminous flux tolerance         +/-7%           Initial chromaticity         (0.43, 0.40) SDCM <5           Power consumption tolerance         +/-10%           Init. Color Rendering Index Tolerance         +/-2           Over Time Performance (IEC Compliant)         Driver failure rate at 5000 h           Driver failure rate at 5000 h         0.5 %           Product Data         S0%           Order product name         BDP102 LED60/830 DW PCF SI LS-8 62P           Full product code         \$71869631962800	Housing Color	Silver	
Optical cover finish         Frosted           Overall height         317 mm           Overall diameter         570 mm           Effective projected area         0.088 m²           Parts color         All parts colored           Approval and Application         Ingress protection code         IP66 [Dust penetration-protected, jet-proof           Mech. impact protection code         IK10 [20 J vandal-resistant]         Surge Protection level until 6 kV differential mode and 6 kV common mode           Protection class IEC         Safety class 1         Initial Performance (IEC Compliant)           Luminous flux tolerance         +/-7%         Initial chromaticity         (0.43, 0.40) SDCM <5           Power consumption tolerance         +/-10%         Initial chromaticity         0.5 %           Over Time Performance (IEC Compliant)         Driver failure rate at 5000 h         0.5 %           Product Data         50%         Initian conditions         Initian conditions           Maximum dim level         50%         Sofe31962800         Initian code           Product Data         BDP102 LED60/830 DW PCF SI LS-8 62P         PII product name         BDP102 LED60/830 DW PCF SI LS-8 62P           Full product name         BDP102 LED60/830 DW PCF SI LS-8 62P         PII product code         \$71869631962800           Order code	Mounting device	Post-top for diameter 62 mm	
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Overall diameter       570 mm         Effective projected area       0.088 m²         Parts color       All parts colored         Approval and Application       Ingress protection code         Ingress 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         Protection class IEC       Safety class I         Initial Performance (IEC Compliant)       Luminous flux tolerance         Luminous flux tolerance       +/-7%         Initial chromaticity       (0.43, 0.40) SDCM <5         Power consumption tolerance       +/-10%         Init. Color Rendering Index Tolerance       +/-2         Over Time Performance (IEC Compliant)       Driver failure rate at 5000 h         O.5 %          Product Data       50%         Product Data       S0%         Order product name       BDP102 LED60/830 DW PCF SI LS-8 62P         Full product name       BDP102 LED60/830 DW PCF SI LS-8 62P         Full product code       \$71869631962800         Order code       910500991187         Material Nr. (12NC)       910500991187         Numerator - Quantity Per Pack       1         EAN/UPC - Product/Case	Optical cover finish	Frosted	
Effective projected area       0.088 m²         Parts color       All parts colored         Approval and Application       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         Protection class IEC       Safety class I         Initial Performance (IEC Compliant)       Imitial chromaticity         Luminous flux tolerance       +/-7%         Initial chromaticity       (0.43, 0.40) SDCM <5         Power consumption tolerance       +/-10%         Init. Color Rendering Index Tolerance       +/-2         Over Time Performance (IEC Compliant)       Driver failure rate at 5000 h         Driver failure rate at 5000 h       0.5 %         Product Data       S0%         Product Data       S0%         Order product name       BDP102 LED60/830 DW PCF SI LS-8 62P         Full product code       910500991187         Material Nr. (12NC)       910500991187         Numerator - Quantity Per Pack       1         EAN/UPC - Product/Case       8718696319628         Numerator - Packs per outer box       1	Overall height	317 mm	
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Intra line and line a	Parts color	All parts colored	
Intra line and line a			
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         Protection class IEC       Safety class I         Initial Performance (IEC Compliant)         Luminous flux tolerance       +/-7%         Initial chromaticity       (0.43, 0.40) SDCM <5         Power consumption tolerance       +/-10%         Init. Color Rendering Index Tolerance       +/-2         Over Time Performance (IEC Compliant)       Driver failure rate at 5000 h         O.5 %       Product Data         Order product name       BDP102 LED60/830 DW PCF SI LS-8 62P         Full product name       BDP102 LED60/830 DW PCF SI LS-8 62P         Full product code       871869631962800         Order code       910500991187         Material Nr. (12NC)       910500991187         Numerator - Quantity Per Pack       1         EAN/UPC - Product/Case       8718696319628         Numerator - Packs per outer box       1	Approval and Application		
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Power consumption tolerance       +/-10%         Init. Color Rendering Index Tolerance       +/-2         Over Time Performance (IEC Compliant)         Driver failure rate at 5000 h       0.5 %         Application Conditions         Maximum dim level       50%         Product Data       50%         Order product name       BDP102 LED60/830 DW PCF SI LS-8 62P         Full product name       8DP102 LED60/830 DW PCF SI LS-8 62P         Full product code       910500991187         Material Nr. (12NC)       910500991187         Numerator - Quantity Per Pack       1         EAN/UPC - Product/Case       8718696319628         Numerator - Packs per outer box       1	Luminous flux tolerance	+/-7%	
Init. Color Rendering Index Tolerance +/-2  Over Time Performance (IEC Compliant)  Driver failure rate at 5000 h 0.5 %  Application Conditions  Maximum dim level 50%  Product Data  Order product name BDP102 LED60/830 DW PCF SI LS-8 62P  Full product name BDP102 LED60/830 DW PCF SI LS-8 62P  Full product code 871869631962800  Order code 910500991187  Material Nr. (12NC) 910500991187  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718696319628  Numerator - Packs per outer box 1	Initial chromaticity	(0.43, 0.40) SDCM <5	
Over Time Performance (IEC Compliant)         Driver failure rate at 5000 h       0.5 %         Application Conditions	Power consumption tolerance	+/-10%	
Driver failure rate at 5000 h       0.5 %         Application Conditions         Maximum dim level       50%         Product Data         Order product name       BDP102 LED60/830 DW PCF SI LS-8 62P         Full product name       BDP102 LED60/830 DW PCF SI LS-8 62P         Full product code       871869631962800         Order code       910500991187         Material Nr. (12NC)       910500991187         Numerator - Quantity Per Pack       1         EAN/UPC - Product/Case       8718696319628         Numerator - Packs per outer box       1	Init. Color Rendering Index Tolerance	+/-2	
Driver failure rate at 5000 h       0.5 %         Application Conditions         Maximum dim level       50%         Product Data         Order product name       BDP102 LED60/830 DW PCF SI LS-8 62P         Full product name       BDP102 LED60/830 DW PCF SI LS-8 62P         Full product code       871869631962800         Order code       910500991187         Material Nr. (12NC)       910500991187         Numerator - Quantity Per Pack       1         EAN/UPC - Product/Case       8718696319628         Numerator - Packs per outer box       1			
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Maximum dim level       50%         Product Data       BDP102 LED60/830 DW PCF SI LS-8 62P         Full product name       BDP102 LED60/830 DW PCF SI LS-8 62P         Full product code       871869631962800         Order code       910500991187         Material Nr. (12NC)       910500991187         Numerator - Quantity Per Pack       1         EAN/UPC - Product/Case       8718696319628         Numerator - Packs per outer box       1	Driver failure rate at 5000 h	0.5 %	
Maximum dim level       50%         Product Data       BDP102 LED60/830 DW PCF SI LS-8 62P         Full product name       BDP102 LED60/830 DW PCF SI LS-8 62P         Full product code       871869631962800         Order code       910500991187         Material Nr. (12NC)       910500991187         Numerator - Quantity Per Pack       1         EAN/UPC - Product/Case       8718696319628         Numerator - Packs per outer box       1			
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Order product nameBDP102 LED60/830 DW PCF SI LS-8 62PFull product nameBDP102 LED60/830 DW PCF SI LS-8 62PFull product code871869631962800Order code910500991187Material Nr. (12NC)910500991187Numerator - Quantity Per Pack1EAN/UPC - Product/Case8718696319628Numerator - Packs per outer box1	Maximum dim level	50%	
Order product nameBDP102 LED60/830 DW PCF SI LS-8 62PFull product nameBDP102 LED60/830 DW PCF SI LS-8 62PFull product code871869631962800Order code910500991187Material Nr. (12NC)910500991187Numerator - Quantity Per Pack1EAN/UPC - Product/Case8718696319628Numerator - Packs per outer box1			
Full product name         BDP102 LED60/830 DW PCF SI LS-8 62P           Full product code         871869631962800           Order code         910500991187           Material Nr. (12NC)         910500991187           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8718696319628           Numerator - Packs per outer box         1	Product Data		
Full product code         871869631962800           Order code         910500991187           Material Nr. (12NC)         910500991187           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8718696319628           Numerator - Packs per outer box         1	Order product name	BDP102 LED60/830 DW PCF SI LS-8 62P	
Order code         910500991187           Material Nr. (12NC)         910500991187           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8718696319628           Numerator - Packs per outer box         1	Full product name	BDP102 LED60/830 DW PCF SI LS-8 62P	
Material Nr. (12NC)         910500991187           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8718696319628           Numerator - Packs per outer box         1	Full product code	871869631962800	
Numerator - Quantity Per Pack     1       EAN/UPC - Product/Case     8718696319628       Numerator - Packs per outer box     1	Order code	910500991187	
EAN/UPC - Product/Case     8718696319628       Numerator - Packs per outer box     1	Material Nr. (12NC)	910500991187	
Numerator - Packs per outer box 1			
	Numerator - Quantity Per Pack	1	
	Numerator - Quantity Per Pack EAN/UPC - Product/Case	-	
EAN/UPC - Case 8718696319628		8718696319628	

### **TownGuide Performer**

#### Dimensional drawing







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