



# **TownGuide Performer**

## BDP100 LED20/740 DRW PCF SI CLO 62P

TOWNGUIDE PERF FLAT CONE, LED GreenLine 2000 lm, Distribution residential wide, Polycarbonate bowl/cover frosted, Constant light output, 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	
Lamp family code	GRN20 [LED GreenLine 2000 lm]
Light source replaceable	Yes

Number of gear units	1 unit
Driver included	Yes
Photocell	-

Datasheet, 2023, December 5 data subject to change

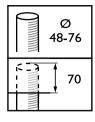
# **TownGuide Performer**

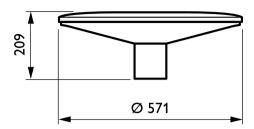
Light source engine type	LED
Product family code	BDP100 [TOWNGUIDE PERF FLAT CONE]
Lighting Technology	LED
Value ladder	Performance
Embedded control	Constant light output
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	No
Light Technical	
Upward light output ratio	0.4
Luminous Flux	1,000 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	70 lm/W
Color rendering index (CRI)	70
Number of light sources	4
Light source color	840 neutral white
Optical cover type	Polycarbonate bowl/cover frosted
Luminaire light beam spread	39° x 96°
Optic type outdoor	Distribution residential wide
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	14.2 W
Average CLO power consumption	14.4 W
End CLO power consumption	14.4 W
Inrush current	22 A
Inrush time	0.29 ms
Power Consumption	14.4 W
Power Factor (Fraction)	0.93
Connection	Screw connection block 5-pole
Cable	-
Number of products on MCB of 16 A type	<b>B</b> 20
Temperature	
Ambient temperature range	-40 to +35 ℃
Controls and Dimming	
Dimmable	No
	Power supply unit regulating with constant
Driver/power unit/transformer	1 Ower supply unit regulating with CONSTAIN
	light output

Mechanical and Housing 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 flat Optical cover finish Frosted  Overall height 209 mm  Overall diameter 570 mm  Effective projected area 0.051 m²  Parts color  Approval and Application		
Reflector material - Optic material - Optic material - Optic material - Optical cover material Polycarbonate Fixation material Steel Housing Color Silver Mounting device Post-top for diameter 62 mm Optical cover shape Conical flat Optical cover finish Frosted Overall height 209 mm Overall diameter 570 mm  Effective projected area 0.051 m² Parts color All parts colored  Approval and Application Ingress protection code IKf0 [20 J vandal-resistant] Mech. impact protection code IKf0 [20 J vandal-resistant]  Fortection class IEC Safety class I  Initial Performance (IEC Compliant) Luminous flux tolerance +/-70% Init. Color Rendering Index Tolerance +/-2  Over Time Performance (IEC Compliant) Driver failure rate at 5000 h 0.5 %  Application Conditions Maximum dim level Not applicable  Product Data Order product name BDP100 LED20/740 DRW PCF SI CLO 62P Full product code 910500991243 Material Nr. (12NC) 910500991243 Numerator - Packs per outer box 1	Constant light output	Yes
Reflector material - Optic material - Optic material - Optic material - Optical cover material Polycarbonate Fixation material Steel Housing Color Silver Mounting device Post-top for diameter 62 mm Optical cover shape Conical flat Optical cover finish Frosted Overall height 209 mm Overall diameter 570 mm  Effective projected area 0.051 m² Parts color All parts colored  Approval and Application Ingress protection code IKf0 [20 J vandal-resistant] Mech. impact protection code IKf0 [20 J vandal-resistant]  Fortection class IEC Safety class I  Initial Performance (IEC Compliant) Luminous flux tolerance +/-70% Init. Color Rendering Index Tolerance +/-2  Over Time Performance (IEC Compliant) Driver failure rate at 5000 h 0.5 %  Application Conditions Maximum dim level Not applicable  Product Data Order product name BDP100 LED20/740 DRW PCF SI CLO 62P Full product code 910500991243 Material Nr. (12NC) 910500991243 Numerator - Packs per outer box 1	Manhanian and Harrison	
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Optical cover material Polycarbonate  Fixation material Steel  Housing Color Silver  Mounting device Post-top for diameter 62 mm  Optical cover shape Conical flat  Optical cover finish Frosted  Overall height 209 mm  Overall diameter 570 mm  Effective projected area 0.051 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 (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 +/-7%  Initial chromaticity (0.38, 0.38) SDCM <5  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 Not applicable  Product Data  Order product name BDP100 LED20/740 DRW PCF SI CLO 62P  Full product name BDP100 LED20/740 DRW PCF SI CLO 62P  Full product name BDP100 LED20/740 DRW PCF SI CLO 62P  Full product code 87869632929000  Order code 910500991243  Material Nr. (12NC) 910500991243  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718696329290  Numerator - Packs per outer box 1		
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Optical cover shape Optical cover finish Optical cover finish Frosted Overall height Operall height Operall diameter From Management Effective projected area Operall diameter From Mall parts colored  Approval and Application Ingress protection code Mech. impact protection code Mech. impact protection (Common/Differential) Initial Performance (IEC Compliant)  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 Operating Management Initial Color Rendering Index Tolerance +/-10% Init. Color Rendering Index Tolerance +/-2  Over Time Performance (IEC Compliant)  Driver failure rate at 5000 h Operation Conditions  Maximum dim level Not applicable  Product Data  Order product name BDP100 LED20/740 DRW PCF SI CLO 62P Full product code 910500991243 Material Nr. (12NC) 910500991243 Material Nr. (12NC) Numerator - Quantity Per Pack I EAN/UPC - Product/Case R718696329290 Numerator - Packs per outer box 1		
Optical cover finish Overall height Overall height Overall diameter  Effective projected area O.051 m²  Parts color All parts colored  Approval and Application Ingress protection code 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 Initial chromaticity (0.38, 0.38) SDCM <5  Power consumption tolerance +/-10% Init. Color Rendering Index Tolerance +/-2  Over Time Performance (IEC Compliant) Driver failure rate at 5000 h  Application Conditions Maximum dim level  Not applicable  Product Data Order product name BDP100 LED20/740 DRW PCF SI CLO 62P Full product name BDP100 LED20/740 DRW PCF SI CLO 62P Full product code 910500991243 Material Nr. (12NC) 910500991243 Material Nr. (12NC) 910500991243 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718696329290 Numerator - Packs per outer box 1		
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Overall diameter 570 mm  Effective projected area 0.051 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 (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 (0.38, 0.38) SDCM <5  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 Not applicable  Product Data  Order product name BDP100 LED20/740 DRW PCF SI CLO 62P  Full product name BDP100 LED20/740 DRW PCF SI CLO 62P  Full product code 910500991243  Material Nr. (12NC) 910500991243  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718696329290  Numerator - Packs per outer box 1	Optical cover finish	Frosted
Effective projected area 0.051 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 (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 (0.38, 0.38) SDCM <5  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 Not applicable  Product Data  Order product name BDP100 LED20/740 DRW PCF SI CLO 62P  Full product name BDP100 LED20/740 DRW PCF SI CLO 62P  Full product code 910500991243  Material Nr. (12NC) 910500991243  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718696329290  Numerator - Packs per outer box 1	Overall height	209 mm
Parts color  All parts colored  Approval and Application Ingress protection code  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  (0.38, 0.38) SDCM <5  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  Not applicable  Product Data  Order product name  BDP100 LED20/740 DRW PCF SI CLO 62P  Full product name  BDP100 LED20/740 DRW PCF SI CLO 62P  Full product code  910500991243  Material Nr. (12NC)  910500991243  Numerator - Quantity Per Pack  1  EAN/UPC - Product/Case  8718696329290  Numerator - Packs per outer box  1	Overall diameter	570 mm
Approval and Application Ingress protection code  Mech. impact protection code  Mech. impact protection (Common/Differential)  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  (0.38, 0.38) SDCM <5  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  Not applicable  Product Data  Order product name  BDP100 LED20/740 DRW PCF SI CLO 62P  Full product name  BDP100 LED20/740 DRW PCF SI CLO 62P  Full product code  910500991243  Material Nr. (12NC)  910500991243  Numerator - Quantity Per Pack  1  EAN/UPC - Product/Case  8718696329290  Numerator - Packs per outer box  1	Effective projected area	0.051 m²
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Initial Performance (IEC Compliant)  Luminous flux tolerance +/-7%  Initial chromaticity (0.38, 0.38) SDCM <5  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 Not applicable  Product Data  Order product name BDP100 LED20/740 DRW PCF SI CLO 62P  Full product code 871869632929000  Order code 910500991243  Material Nr. (12NC) 910500991243  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718696329290  Numerator - Packs per outer box 1		differential mode and 6 kV common mode
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Over Time Performance (IEC Compliant)  Driver failure rate at 5000 h 0.5 %  Application Conditions  Maximum dim level Not applicable  Product Data  Order product name BDP100 LED20/740 DRW PCF SI CLO 62P  Full product name BDP100 LED20/740 DRW PCF SI CLO 62P  Full product code 871869632929000  Order code 910500991243  Material Nr. (12NC) 910500991243  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718696329290  Numerator - Packs per outer box 1	Power consumption tolerance	+/-10%
Driver failure rate at 5000 h  Application Conditions  Maximum dim level  Product Data  Order product name  BDP100 LED20/740 DRW PCF SI CLO 62P  Full product name  BDP100 LED20/740 DRW PCF SI CLO 62P  Full product code  871869632929000  Order code  910500991243  Material Nr. (12NC)  910500991243  Numerator - Quantity Per Pack  1  EAN/UPC - Product/Case  8718696329290  Numerator - Packs per outer box  1	Init. Color Rendering Index Tolerance	+/-2
Driver failure rate at 5000 h  Application Conditions  Maximum dim level  Product Data  Order product name  BDP100 LED20/740 DRW PCF SI CLO 62P  Full product name  BDP100 LED20/740 DRW PCF SI CLO 62P  Full product code  871869632929000  Order code  910500991243  Material Nr. (12NC)  910500991243  Numerator - Quantity Per Pack  1  EAN/UPC - Product/Case  8718696329290  Numerator - Packs per outer box  1		
Application Conditions  Maximum dim level Not applicable  Product Data  Order product name BDP100 LED20/740 DRW PCF SI CLO 62P  Full product name BDP100 LED20/740 DRW PCF SI CLO 62P  Full product code 871869632929000  Order code 910500991243  Material Nr. (12NC) 910500991243  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718696329290  Numerator - Packs per outer box 1	Over Time Performance (IEC Compli	iant)
Maximum dim level  Product Data  Order product name  BDP100 LED20/740 DRW PCF SI CLO 62P  Full product name  BDP100 LED20/740 DRW PCF SI CLO 62P  Full product code  871869632929000  Order code  910500991243  Material Nr. (12NC)  910500991243  Numerator - Quantity Per Pack  1  EAN/UPC - Product/Case  8718696329290  Numerator - Packs per outer box  1	Driver failure rate at 5000 h	0.5 %
Maximum dim level  Product Data  Order product name  BDP100 LED20/740 DRW PCF SI CLO 62P  Full product name  BDP100 LED20/740 DRW PCF SI CLO 62P  Full product code  871869632929000  Order code  910500991243  Material Nr. (12NC)  910500991243  Numerator - Quantity Per Pack  1  EAN/UPC - Product/Case  8718696329290  Numerator - Packs per outer box  1		
Product Data           Order product name         BDP100 LED20/740 DRW PCF SI CLO 62P           Full product name         BDP100 LED20/740 DRW PCF SI CLO 62P           Full product code         871869632929000           Order code         910500991243           Material Nr. (12NC)         910500991243           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8718696329290           Numerator - Packs per outer box         1	Application Conditions	
Order product name         BDP100 LED20/740 DRW PCF SI CLO 62P           Full product name         BDP100 LED20/740 DRW PCF SI CLO 62P           Full product code         871869632929000           Order code         910500991243           Material Nr. (12NC)         910500991243           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8718696329290           Numerator - Packs per outer box         1	Maximum dim level	Not applicable
Order product name         BDP100 LED20/740 DRW PCF SI CLO 62P           Full product name         BDP100 LED20/740 DRW PCF SI CLO 62P           Full product code         871869632929000           Order code         910500991243           Material Nr. (12NC)         910500991243           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8718696329290           Numerator - Packs per outer box         1		
Full product name         BDP100 LED20/740 DRW PCF SI CLO 62P           Full product code         871869632929000           Order code         910500991243           Material Nr. (12NC)         910500991243           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8718696329290           Numerator - Packs per outer box         1	Product Data	
Full product code         871869632929000           Order code         910500991243           Material Nr. (12NC)         910500991243           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8718696329290           Numerator - Packs per outer box         1	Order product name	BDP100 LED20/740 DRW PCF SI CLO 62P
Order code         910500991243           Material Nr. (12NC)         910500991243           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8718696329290           Numerator - Packs per outer box         1	Full product name	BDP100 LED20/740 DRW PCF SI CLO 62P
Material Nr. (12NC)         910500991243           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8718696329290           Numerator - Packs per outer box         1	Full product code	871869632929000
Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718696329290  Numerator - Packs per outer box 1	Order code	910500991243
EAN/UPC - Product/Case 8718696329290  Numerator - Packs per outer box 1	Material Nr. (12NC)	910500991243
Numerator - Packs per outer box 1	Numerator - Quantity Per Pack	1
	EAN/UPC - Product/Case	8718696329290
<b>EAN/UPC - Case</b> 8718696329290	Numerator - Packs per outer box	1
	EAN/UPC - Case	8718696329290

### **TownGuide Performer**

#### Dimensional drawing







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