



# **TownGuide Performer**

### **BDP101 LED30/830 DRW PCC SI CLO 62P**

TOWNGUIDE PERF BOWL, LED GreenLine 3000 lm, Distribution residential wide, Polycarbonate bowl/cover clear, 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	GRN30 [LED GreenLine 3000 lm]
Light source replaceable	Yes

Number of gear units	1 unit
Driver included	Yes
Photocell	-

Datasheet, 2023, December 5 data subject to change

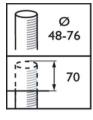
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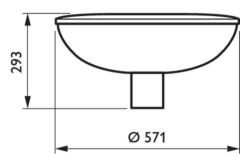
Light source engine type	LED
Product family code	BDP101 [TOWNGUIDE PERF BOWL]
Lighting Technology	LED
Value ladder	Performance
Embedded control	Constant light output
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	No
Light Technical	
Upward light output ratio	0.4
Luminous Flux	2,059 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	90 lm/W
Color rendering index (CRI)	80
Light source color	830 warm white
Optical cover type	Polycarbonate bowl/cover clear
Luminaire light beam spread	39° x 96°
Optic type outdoor	Distribution residential wide
Operating and Electrical	
Operating and Electrical Input Voltage	220 to 240 V
	220 to 240 V 50 to 60 Hz
Input Voltage	
Input Voltage Line Frequency	50 to 60 Hz
Input Voltage Line Frequency Initial CLO power consumption	50 to 60 Hz 23 W
Input Voltage Line Frequency Initial CLO power consumption Average CLO power consumption	50 to 60 Hz 23 W 23.5 W
Input Voltage Line Frequency Initial CLO power consumption Average CLO power consumption End CLO power consumption	50 to 60 Hz 23 W 23.5 W 23.5 W
Input Voltage Line Frequency Initial CLO power consumption Average CLO power consumption End CLO power consumption Inrush current	50 to 60 Hz 23 W 23.5 W 23.5 W 22 A
Input Voltage Line Frequency Initial CLO power consumption Average CLO power consumption End CLO power consumption Inrush current Inrush time	50 to 60 Hz 23 W 23.5 W 23.5 W 22 A 0.29 ms
Input Voltage Line Frequency Initial CLO power consumption Average CLO power consumption End CLO power consumption Inrush current Inrush time Power Consumption	50 to 60 Hz 23 W 23.5 W 23.5 W 22 A 0.29 ms 23.5 W
Input Voltage Line Frequency Initial CLO power consumption Average CLO power consumption End CLO power consumption Inrush current Inrush time Power Consumption Power Factor (Fraction)	50 to 60 Hz 23 W 23.5 W 23.5 W 22 A 0.29 ms 23.5 W
Input Voltage Line Frequency Initial CLO power consumption Average CLO power consumption End CLO power consumption Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection	50 to 60 Hz 23 W 23.5 W 23.5 W 22 A 0.29 ms 23.5 W 0.97 Screw connection block 5-pole
Input Voltage Line Frequency Initial CLO power consumption Average CLO power consumption End CLO power consumption Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B	50 to 60 Hz 23 W 23.5 W 23.5 W 22 A 0.29 ms 23.5 W 0.97 Screw connection block 5-pole
Input Voltage Line Frequency Initial CLO power consumption Average CLO power consumption End CLO power consumption Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B	50 to 60 Hz 23 W 23.5 W 23.5 W 22 A 0.29 ms 23.5 W 0.97 Screw connection block 5-pole -
Input Voltage Line Frequency Initial CLO power consumption Average CLO power consumption End CLO power consumption Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B	50 to 60 Hz 23 W 23.5 W 23.5 W 22 A 0.29 ms 23.5 W 0.97 Screw connection block 5-pole
Input Voltage Line Frequency Initial CLO power consumption Average CLO power consumption End CLO power consumption Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range	50 to 60 Hz 23 W 23.5 W 23.5 W 22 A 0.29 ms 23.5 W 0.97 Screw connection block 5-pole -
Input Voltage Line Frequency Initial CLO power consumption Average CLO power consumption End CLO power consumption Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B	50 to 60 Hz 23 W 23.5 W 23.5 W 22 A 0.29 ms 23.5 W 0.97 Screw connection block 5-pole -
Input Voltage Line Frequency Initial CLO power consumption Average CLO power consumption End CLO power consumption Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming Dimmable	50 to 60 Hz 23 W 23.5 W 23.5 W 22 A 0.29 ms 23.5 W 0.97 Screw connection block 5-pole - 20 -40 to +35 °C
Input Voltage Line Frequency Initial CLO power consumption Average CLO power consumption End CLO power consumption Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming	50 to 60 Hz 23 W 23.5 W 23.5 W 22 A 0.29 ms 23.5 W 0.97 Screw connection block 5-pole - 20  -40 to +35 °C  No Power supply unit regulating with constant
Input Voltage Line Frequency Initial CLO power consumption Average CLO power consumption End CLO power consumption Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming Dimmable	50 to 60 Hz 23 W 23.5 W 23.5 W 22 A 0.29 ms 23.5 W 0.97 Screw connection block 5-pole - 20 -40 to +35 °C

Mechanical and Housing	
Housing Material	Aluminum
Reflector 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	Hemispherical flat
Optical cover finish	Clear
Overall height	293 mm
Overall diameter	570 mm
Effective projected area	0.095 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	(0.43, 0.40) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Complia	ant)
Driver failure rate at 5000 h	0.5 %
Application Conditions	
Maximum dim level	Not applicable
Product Data	
Order product name	BDP101 LED30/830 DRW PCC SI CLO 62P
Full product name	BDP101 LED30/830 DRW PCC SI CLO 62P
Full product code	871869632932000
Order code	910500991246
Material Nr. (12NC)	910500991246
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696329320
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696329320

#### **TownGuide Performer**

#### Dimensional drawing







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