# **PHILIPS** Lighting



# **TownGuide Performer**

# BDP102 LED20/830 DW PCF SI 62P

TOWNGUIDE PERF CLASSIC CONE, LED GreenLine 2000 lm, Distribution wide, Polycarbonate bowl/cover frosted, 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	GRN20 [LED GreenLine 2000 lm]	Driver included	Yes
Light source replaceable	Yes	Photocell	-

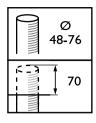
## **TownGuide Performer**

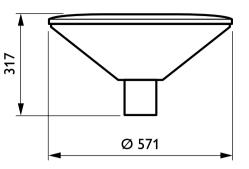
	1.55	
Light source engine type		
Product family code	BDP102 [TOWNGUIDE PERF CLASSIC	
	CONE]	
Lighting Technology	LED	
Value ladder	Performance	
Embedded control	-	
CE mark	Yes	
Warranty period	5 years	
Flammability mark	-	
ENEC mark	ENEC mark	
Glow-wire test	Temperature 650 °C, duration 5 s	
EU RoHS compliant	No	
Light Technical		
Upward light output ratio	0.4	
Luminous Flux	1,160 lm	
Standard tilt angle posttop	0°	
Standard tilt angle side entry	-	
Correlated Color Temperature (Nom)	3000 K	
Luminous Efficacy (rated) (Nom)	73 lm/W	
Color rendering index (CRI)	80	
Number of light sources	4	
Light source color	830 warm white	
Optical cover type	Polycarbonate bowl/cover frosted	
Luminaire light beam spread	50° x 70°	
Optic type outdoor	Distribution wide	
Operating and Electrical		
Input Voltage		
	220 to 240 V	
Line Frequency	220 to 240 V 50 to 60 Hz	
Line Frequency	50 to 60 Hz	
Line Frequency Inrush current	50 to 60 Hz 22 A	
Line Frequency Inrush current Inrush time	50 to 60 Hz 22 A 0.29 ms	
Line Frequency Inrush current Inrush time Power Consumption	50 to 60 Hz 22 A 0.29 ms 16 W	
Line Frequency Inrush current Inrush time Power Consumption Power Factor (Fraction)	50 to 60 Hz 22 A 0.29 ms 16 W 0.94	
Line Frequency Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection	50 to 60 Hz 22 A 0.29 ms 16 W 0.94 Screw connection block 5-pole -	
Line Frequency Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable	50 to 60 Hz 22 A 0.29 ms 16 W 0.94 Screw connection block 5-pole -	
Line Frequency Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type I	50 to 60 Hz 22 A 0.29 ms 16 W 0.94 Screw connection block 5-pole -	
Line Frequency Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type I Temperature	50 to 60 Hz 22 A 0.29 ms 16 W 0.94 Screw connection block 5-pole - B 20	
Line Frequency Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type I Temperature	50 to 60 Hz 22 A 0.29 ms 16 W 0.94 Screw connection block 5-pole - B 20	
Line Frequency Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type I Temperature Ambient temperature range	50 to 60 Hz 22 A 0.29 ms 16 W 0.94 Screw connection block 5-pole - B 20	
Line Frequency Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type I Temperature Ambient temperature range Controls and Dimming	50 to 60 Hz 22 A 0.29 ms 16 W 0.94 Screw connection block 5-pole - B 20 -40 to +35 ℃	
Line Frequency Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type I Temperature Ambient temperature range Controls and Dimming Dimmable	50 to 60 Hz 22 A 0.29 ms 16 W 0.94 Screw connection block 5-pole - B 20 -40 to +35 ℃ No	

Mechanical and Housing		
Housing Material	Aluminum	
Reflector material	Atuminum	
Optic material	Acrulato	
	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 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 Compli	ant)	
Driver failure rate at 5000 h	0.5 %	
Application Conditions		
Maximum dim level	Not applicable	
	••	
Product Data		
Order product name	BDP102 LED20/830 DW PCF SI 62P	
Full product name	BDP102 LED20/830 DW PCF SI 62P	
Full product code		
Order code	871869631959800	
Material Nr. (12NC)	910500991184	
Numerator - Quantity Per Pack	910500991184	
	1	
EAN/UPC - Product/Case	8718696319598	

### **TownGuide Performer**

#### Dimensional drawing







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