# **PHILIPS** Lighting



# **TownGuide Performer**

# BDP101 LED50/830 DW PCF SI CLO 62P

TOWNGUIDE PERF BOWL, LED GreenLine 5000 lm, Distribution 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		Number of gear units	1 unit
Lamp family code	GRN50 [LED GreenLine 5000 lm]	Driver included	Yes
Light source replaceable	Yes	Photocell	-

## **TownGuide Performer**

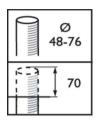
Light source engine type	LED
Product family code	BDP101 [TOWNGUIDE PERF BOWL]
Lighting Technology	LED
Value ladder	Performance
Embedded control	Constant light output
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	No
Light Technical	
Upward light output ratio	0.4
Luminous Flux	2,655 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	72 lm/W
Color rendering index (CRI)	80
Number of light sources	6
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	50 to 60 Hz
Initial CLO power consumption	37 W
Average CLO power consumption	38.5 W
End CLO power consumption	40 W
Inrush current	45 A
Inrush time	0.285 ms
Power Consumption	40 W
Power Factor (Fraction)	0.96
Connection	Screw connection block 5-pole
Cable	-
Number of products on MCB of 16 A type B	10
Temperature	
Ambient temperature range	-40 to +35 ℃
Controls and Dimming	
	No
Dimmable	
Dimmable Driver/power unit/transformer	Power supply unit regulating with constant light output

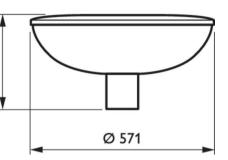
Constant light output	Yes	
Mochanical and Housing		
Mechanical and Housing	A.L	
Housing Material	Aluminum	
Reflector material	-	
Optic material	Acrylate	
Optical cover material	Polycarbonate	
Fixation material	Steel	
Housing Color	Silver	
Mounting device	Post-top for diameter 62 mm	
Optical cover shape	Hemispherical flat	
Optical cover finish	Frosted	
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 Compli	ant)	
Driver failure rate at 5000 h	0.5 %	
Application Conditions		
Maximum dim level	Not applicable	
Product Data		
Order product name	BDP101 LED50/830 DW PCF SI CLO 62P	
Full product name	BDP101 LED50/830 DW PCF SI CLO 62P	
Full product code	871829191062600	
Order code	910500991123	
Material Nr. (12NC)	910500991123	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718291910626	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8718291910626	
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### **TownGuide Performer**

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#### Dimensional drawing







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