



TownGuide Performer

BDP101 LED20/830 DW PCF SI LS-8 62P

TOWNGUIDE PERF BOWL, LED GreenLine 2000 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	
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

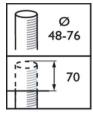
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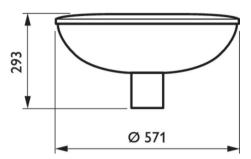
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Light source engine type	LED
Product family code	BDP101 [TOWNGUIDE PERF BOWL]
Lighting Technology	LED
Value ladder	Performance
Embedded control	LumiStep dimming 8 hours
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	No
Liebt Taskwisel	
Light Technical	0.4
Upward light output ratio Luminous Flux	0.4
Standard tilt angle posttop	1,200 lm 0°
	0
Standard tilt angle side entry Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	75 lm/W 80
Color rendering index (CRI)	4
Number of light sources Light source color	830 warm white
	Polycarbonate bowl/cover frosted
Optical cover type Luminaire light beam spread	50° x 70°
Optic type outdoor	Distribution wide
optic type outdoor	Distribution wide
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	22 A
Inrush time	0.29 ms
Power Consumption	16 W
Power Factor (Fraction)	0.94
Connection	Screw connection block 5-pole
Cable	-
Number of products on MCB of 16 A type	B 20
Temperature	
Ambient temperature range	-40 to +35 ℃
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DynaDimmer
Control interface	_

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	Frosted
Overall height	293 mm
Overall diameter	570 mm
Effective projected area	0.095 m ²
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	50%
Product Data	
Order product name	BDP101 LED20/830 DW PCF SI LS-8 62P
Full product name	BDP101 LED20/830 DW PCF SI LS-8 62P
Full product code	871869631952900
Order code	910500991177
Material Nr. (12NC)	910500991177
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696319529
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696319529

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Dimensional drawing







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