



TownGuide Performer

BDP105 LED70/740 II DS PCC SI 62P

TOWNGUIDE PERFORMER Tzero, LED GreenLine 7000 lm, Distribution symmetrical, Polycarbonate bowl/cover clear, Posttop 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	GRN70 [LED GreenLine 7000 lm]
Light source replaceable	Yes

Number of gear units	1 unit
Driver included	Yes
Photocell	-

Datasheet, 2023, December 5 data subject to change

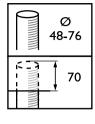
TownGuide Performer

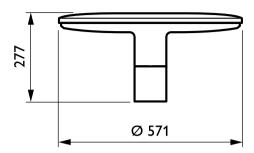
Light source engine type	LED
Product family code	BDP105 [TOWNGUIDE PERFORMER Tzero]
Lighting Technology	LED
Value ladder	Performance
Embedded control	-
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	No
Light Technical	
Upward light output ratio	0.4
Luminous Flux	4,830 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	101 lm/W
Color rendering index (CRI)	70
Number of light sources	8
Light source color	840 neutral white
Optical cover type	Polycarbonate bowl/cover clear
Luminaire light beam spread	75°
Optic type outdoor	Distribution symmetrical
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	45 A
Inrush time	0.285 ms
Power Consumption	48 W
Power Factor (Fraction)	0.97
Connection	
	Screw connection block 5-pole
Cable	Screw connection block 5-pole
Cable Number of products on MCB of 16 A type	-
	-
Number of products on MCB of 16 A type Temperature	- B 10
Number of products on MCB of 16 A type	-
Number of products on MCB of 16 A type Temperature Ambient temperature range	- B 10
Number of products on MCB of 16 A type Temperature	- B 10 -40 to +35 °C
Number of products on MCB of 16 A type Temperature Ambient temperature range Controls and Dimming Dimmable	- B 10 -40 to +35 °C No
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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	Narrow
Optical cover finish	Clear
Overall height	277 mm
Overall diameter	570 mm
Effective projected area	0.053 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 II
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-7%
	(0.39, 0.39) CDCM < E
Initial chromaticity	(0.38, 0.38) SDCM <5
Power consumption tolerance	+/-10%
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Power consumption tolerance	+/-10%
Power consumption tolerance	+/-10% +/-2
Power consumption tolerance Init. Color Rendering Index Tolerance	+/-10% +/-2
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Power consumption tolerance Init. Color Rendering Index Tolerance Over Time Performance (IEC Complitation Priver failure rate at 5000 h Application Conditions Maximum dim level Product Data Order product name Full product name Full product code Order code	+/-10% +/-2 ant) 0.5 % Not applicable BDP105 LED70/740 II DS PCC SI 62P BDP105 LED70/740 II DS PCC SI 62P 871869632952800 910500991266
Power consumption tolerance Init. Color Rendering Index Tolerance Over Time Performance (IEC Complitation Priver failure rate at 5000 h Application Conditions Maximum dim level Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	+/-10% +/-2 ant) 0.5 % Not applicable BDP105 LED70/740 II DS PCC SI 62P BDP105 LED70/740 II DS PCC SI 62P 871869632952800 910500991266 910500991266
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TownGuide Performer

Dimensional drawing







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