PHILIPS Lighting



TownGuide Performer

BDP105 LED20/740 II DS PCC SI 62P

TOWNGUIDE PERFORMER Tzero, LED GreenLine 2000 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		Number of gear units	1 unit
Lamp family code	GRN20 [LED GreenLine 2000 lm]	Driver included	Yes
Light source replaceable	Yes	Photocell	-

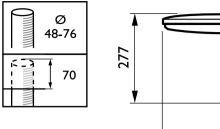
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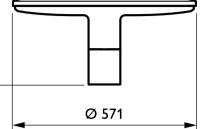
Light source engine type	LED	
Product family code	BDP105 [TOWNGUIDE PERFORMER Tzero]	
Lighting Technology	LED	
Value ladder	Performance	
Embedded control	-	
CE mark	Yes	
Warranty period	5 years	
Flammability mark	-	
ENEC mark	ENEC mark	
Glow-wire test	Temperature 650 °C, duration 5 s	
EU RoHS compliant	No	
Light Technical		
Upward light output ratio	0.4	
Luminous Flux	1,460 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	4	
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	22 A	
Inrush time	0.29 ms	
Power Consumption	14.4 W	
Power Factor (Fraction)	0.93	
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 °C	
Controls and Dimming		
Dimmable	No	
Driver/power unit/transformer	Power supply unit regulating	
Control interface	-	
Constant light output	No	

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%	
Initial chromaticity	(0.38, 0.38) SDCM <5	
Power consumption tolerance	+/-10%	
Init. Color Rendering Index Tolerance	+/-2	
Over Time Performance (IEC Compliant)		
Driver failure rate at 5000 h	0.5 %	
Application Conditions		
Maximum dim level	Not applicable	
Product Data		
Order product name	BDP105 LED20/740 II DS PCC SI 62P	
Full product name	BDP105 LED20/740 II DS PCC SI 62P	
Full product code	871869632945000	
Order code	910500991259	
Material Nr. (12NC)	910500991259	
	1	
Numerator - Quantity Per Pack	1	
Numerator - Quantity Per Pack EAN/UPC - Product/Case	1 8718696329450	
EAN/UPC - Product/Case	8718696329450	

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Dimensional drawing







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