# **PHILIPS** Lighting



# **TownGuide Performer**

# BDP105 LED120/740 II DS PCC SI 62P

TOWNGUIDE PERFORMER Tzero, LED EconomyLine 12000 lm, Distribution symmetrical, Polycarbonate bowl/cover clear

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	ECO120 [LED EconomyLine 12000 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes

Photocell	-
Light source engine type	LED
Product family code	BDP105 [TOWNGUIDE PERFORMER Tzero]
Lighting Technology	LED
Value ladder	Performance

## **TownGuide Performer**

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	8,400 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	95 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

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 Compli	ant)
Driver failure rate at 5000 h	0.5 %
Application Conditions	
- application contaitions	
Maximum dim level	Not applicable
	Not applicable
	Not applicable
Maximum dim level	Not applicable BDP105 LED120/740 II DS PCC SI 62P
Maximum dim level Product Data	
Maximum dim level Product Data Order product name	BDP105 LED120/740 II DS PCC SI 62P
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Maximum dim level Product Data Order product name Full product name Full product code Order code	BDP105 LED120/740 II DS PCC SI 62P BDP105 LED120/740 II DS PCC SI 62P 871869634004200 910500991275
Maximum dim level Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	BDP105 LED120/740 II DS PCC SI 62P BDP105 LED120/740 II DS PCC SI 62P 871869634004200 910500991275 910500991275
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Operating	and	Elect	rical

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	10 A
Inrush time	0.13 ms
Power Consumption	88 W
Power Factor (Fraction)	1
Connection	Screw connection block 5-pole
Cable	-
Number of products on MCB of 16 A type I	<b>B</b> 22

#### Temperature

Ambient temperature range

Controls and Dimming		
Dimmable	No	
Driver/power unit/transformer	Power supply unit regulating	
ontrol interface	-	
onstant light output	No	

#### Mechanical and Housing

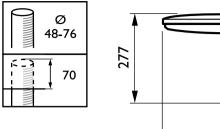
Housing Material

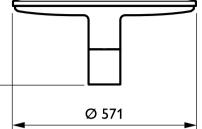
Aluminum

-40 to +35 °C

## **TownGuide Performer**

#### Dimensional drawing







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