# **PHILIPS** Lighting



# **TownGuide Performer**

# BDP104 LED120/830 DW PCF SI CLO 62P

TOWNGUIDE PERF T, LED EconomyLine 12000 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 and Tzero. All are available with a clear bowl. Except for Tzero, also a frosted bowl can be chosen. With an extensive range of lumen packages and a choice of light colors and operating lifetimes, it is easy to select the version that best suits your project's specific requirements. In addition, TownGuide Performer has a variety of control system options that can make it an integral part of your smart energy-reduction programs – from stand-alone LumiStep and DynaDimmer, SDU switch-dim control, through to seamless remote connectivity with CityTouch lighting management software. Installation is easy. Thanks to the bayonet whistle connector with integrated gland located in the spigot, the luminaire does not have to be opened at all for installation. 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, the energy and maintenance cost savings compared to conventional lighting are significant.

#### **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	BDP104 [TOWNGUIDE PERF T]
Lighting Technology	LED
Value ladder	Performance
Embedded control	Constant light output
CE mark	Yes
Warranty period	5 years
Flammability mark	-

## **TownGuide Performer**

ENEC mark	ENEC mark
Glow-wire test	
EU RoHS compliant	Temperature 650 °C, duration 5 s
EO ROHS compliant	NO
Light Technical	
Upward light output ratio	0.4
Luminous Flux	4,500 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	52 lm/W
Color rendering index (CRI)	80
Number of light sources	8
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	86 W
Average CLO power consumption	91 W
End CLO power consumption	97 W
Inrush current	10 A
Inrush time	0.13 ms
Power Consumption	97 W
Power Factor (Fraction)	1
Connection	Screw connection block 5-pole
Cable	-
Number of products on MCB of 16 A type	<b>B</b> 22
Temperature	
Ambient temperature range	-40 to +35 °C
Controls and Dimming	
Dimmable	No

Driver/power unit/transformer	Power supply unit regulating with constant
	light output
Control interface	-
Constant light output	Yes
Mechanical and Housing	

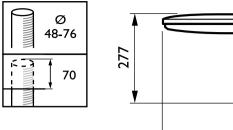
Housing Material

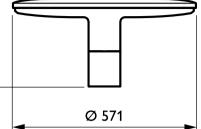
Aluminum

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	Frosted
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 4 kV
	differential mode and 4 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	Not applicable
Product Data	
Order product name	BDP104 LED120/830 DW PCF SI CLO 62P
Full product name	BDP104 LED120/830 DW PCF SI CLO 62P
Full product code	871829191089300
Order code	91089300
Material Nr. (12NC)	910500991150
Numerator - Quantity Per Pack	1
	8718291910893
EAN/UPC - Product/Case	
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291910893

### **TownGuide Performer**

#### Dimensional drawing







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