

TownGuide Performer

BDP100 LED80/740 DN PCC SI LS-8 62P

TOWNGUIDE PERF FLAT CONE, LED EconomyLine 8000 lm, Distribution narrow, Polycarbonate bowl/cover clear, 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 energy-reduction programs. This includes LumiStep, DynaDimmer, and LineSwitch stand-alone 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	ECO80 [LED EconomyLine 8000 lm]
Light source replaceable	Yes

Number of gear units	1 unit
Driver included	Yes
Photocell	-

TownGuide Performer

Light source engine type	LED
Product family code	BDP100 [TOWNGUIDE PERF FLAT CONE]
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

Light Technical

Upward light output ratio	0.4
Luminous Flux	6,240 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	111 lm/W
Color rendering index (CRI)	70
Number of light sources	6
Light source color	840 neutral white
Optical cover type	Polycarbonate bowl/cover clear
Luminaire light beam spread	32° x 29°
Optic type outdoor	Distribution narrow

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	56 W
Power Factor (Fraction)	0.98
Connection	Screw connection block 5-pole
Cable	-
Number of products on MCB of 16 A type B	10

Temperature

Ambient temperature range	-40 to +35 °C

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DynaDimmer
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	Conical flat
Optical cover finish	Clear
Overall height	209 mm
Overall diameter	570 mm
Effective projected area	0.051 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 I

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

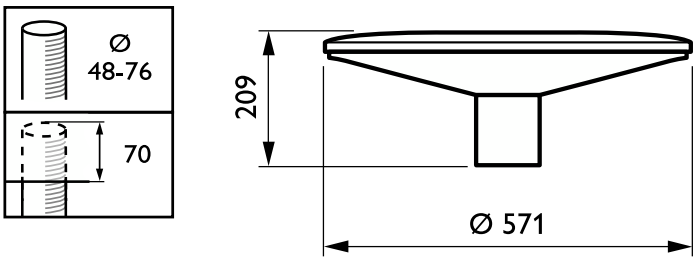
Maximum dim level	50%

Product Data

Order product name	BDP100 LED80/740 DN PCC SI LS-8 62P
Full product name	BDP100 LED80/740 DN PCC SI LS-8 62P
Full product code	871869633997800
Order code	910500991289
Material Nr. (12NC)	910500991289
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696339978
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696339978

TownGuide Performer

Dimensional drawing



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