



# **TownGuide Performer**

## BDP100 LED25/740 DW PCF ALU 6 76P

TOWNGUIDE PERF FLAT CONE, LED GreenLine 2500 lm, Distribution wide, Polycarbonate bowl/cover frosted, Post-top for diameter 76 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	GRN25 [LED GreenLine 2500 lm]
Light source replaceable	Yes

Number of gear units	1 unit
Driver included	Yes
Photocell	-

Datasheet, 2023, December 5 data subject to change

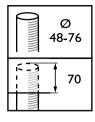
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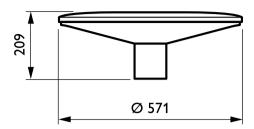
Light source engine type	LED
Light source engine type	LED
Product family code	BDP100 [TOWNGUIDE PERF FLAT CONE]
Lighting Technology  Value ladder	LED
	Performance
Embedded control	<del>-</del>
CE mark	Yes
Warranty period	5 years
Flammability mark	ENEC ments
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	No
Light Tochnical	
Light Technical	0.4
Upward light output ratio  Luminous Flux	1,400 lm
Standard tilt angle posttop	0°
Standard tilt angle positop Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	80 lm/W
Color rendering index (CRI)	70
Number of light sources	4
Light source color	840 neutral white
Optical cover type	Polycarbonate bowl/cover frosted
Luminaire light beam spread	50° x 70°
Optic type outdoor	Distribution wide
optic type outdoor	Distribution wide
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	17.4 W
Power Factor (Fraction)	0.95
Connection	Screw connection block 5-pole
Cable	Cable 6.0 m without plug
Number of products on MCB of 16 A type	
,	
Temperature	
Ambient temperature range	-40 to +35 ℃
Controls and Dimming	
Dimmable	No
	Power supply unit (On/Off)
Driver/power unit/transformer	
Driver/power unit/transformer  Control interface	-

Mechanical and Housing	
Housing Material	Aluminum
Reflector material	-
Optic material	Acrylate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	Aluminum
Mounting device	Post-top for diameter 76 mm
Optical cover shape	Conical flat
Optical cover finish	Frosted
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 Compli	ant)
Driver failure rate at 5000 h	0.5 %
Application Conditions	
Maximum dim level	Not applicable
Product Data	
Order product name	BDP100 LED25/740 DW PCF ALU 6 76P
Full product name	BDP100 LED25/740 DW PCF ALU 6 76P
Full product code	871829191959900
Order code	910500991154
Material Nr. (12NC)	910500991154
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291919599
Numerator - Packs per outer box	1
EAN/UPC - Case	0710201010500
EAN/OPC - Case	8718291919599

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#### Dimensional drawing







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