



# TownGuide Performer – Designed around your needs

## TownGuide Performer

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.

### Benefits

- Six recognizable yet modern designs that blend in with, and enhance, their surroundings
- LED light sources, in combination with a wide choice of optics, ensure that the optimal configuration can be obtained for your application. The state-of-the-art LEDs increase visual comfort for motorists, cyclists and pedestrians.
- Considerable reduction in energy usage and carbon footprint compared to HPL mercury, SON-T and PL-L compact fluorescent lamps; further energy savings achievable when using CLO or dimming options (can amount to as much as 80% compared to HPL mercury)

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## Features

- Dedicated LED luminaire, optimized for minimum Total Cost of Ownership
- Wide choice of lumen packages, ranging from 1,200 to 7,000 lumens (GRN) or 4,000 to 12,000 lumens (ECO)
- Choice of light colors 3000 K (warm white) and 4000 K (neutral white)
- Long lifetime of 100,000 hours (GRN) or 80,000 hours (ECO) at L80B10
- Bayonet whistle connector for easy installation without opening the luminaire
- Suitable for new installations or one-to-one replacement in existing installations
- Vandal-resistant (IK10), ingress protection (IP66)
- TailorFit PCB technology
- Standard 3-year warranty program; as a service, we offer extended warranties or lifecycle services

## Application

- Residential areas: residential streets, cycle paths & footpaths, roundabouts, squares, parks & playgrounds, parking areas
- City centers: side streets, squares, parks & playgrounds, cycle paths & footpaths, parking areas, roundabouts, shopping & pedestrian areas
- Area and Transportation: industrial areas, parking areas, petrol stations, airports, harbors, public transport areas
- Sports: parking areas

## Specifications

<b>Type</b>	BDP100 (flat cone version)
	BDP101 (bowl version)
	BDP102 (classic cone version)
	BDP103 (classic T version)
	BDP104 (T version)
	BDP105 (Tzero version)
<b>Light source</b>	Integral LED-module
<b>Power</b>	10 to 98 W depending on LED configuration and color temperature
<b>Luminous flux</b>	GreenLine: 1200, 1500, 2000, 2500, 3000, 3500, 4000, 5000, 6000 or 7000 lm
	EconomyLine: 4000, 5000, 6000, 7000, 8000, 9000, 10000, 11000 or 12000 lm

<b>Luminaire efficacy</b>	GreenLine: 84 to 112 lm/W (for clear bowl; 4000 K version)
	EconomyLine: 93 to 108 lm/W (for clear bowl; 4000 K version)
<b>Correlated Color</b>	3000 K (warm white)
<b>Temperature</b>	4000 K (neutral white)
<b>Color Rendering Index</b>	≥ 80
<b>Maintenance of lumen output - L80B10</b>	GreenLine: 100,000 hours at 25 °C
	EconomyLine: 80,000 hours at 25 °C
<b>Operating temperature range</b>	-20 to +35 °C
<b>Driver</b>	Integrated programmable LED driver
<b>Power/Data supply</b>	Philips Xitanium Prog+
<b>Mains voltage</b>	120-277 V / 50-60 Hz

## Specifications

<b>Controls system input</b>	1-10 V or DALI
<b>Dimming</b>	SDU-LineSwitch
	DynaDimmer
	LumiStep

<b>Options</b>	Constant light output (CLO), also possible in combination with dimming
	Starsense RF OLC
	Mains dimming (AmpDim)
	CityTouch LightWave
	Class II version
	Mini photocell or NEMA socket
	10 kV surge protection (SRG)
	Factory fitted cable (H07RN-F-1 mm), 4, 5 or 6 meter exterior length
<b>Optic</b>	Distribution residential wide (DRW), wide (DW), narrow (DN), medium (DM) or symmetrical (DS)

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<b>Optical cover</b>	Polycarbonate cover clear (PCC) or frosted (PCF)	<b>Cable gland</b>	M20, cable Ø 6-12 mm
<b>Material</b>	Canopy and spigot: high-pressure die-cast aluminum Cover: impact resistant UV stabilized polycarbonate	<b>Accessories</b>	Special adapter for post top Ø 90 mm (in combination with Ø 62 mm spigot) Spigot size reduction adapter from Ø 76 mm to Ø 60 mm post top mounting
<b>Color</b>	Silver grey (RAL9006), grey aluminium (RAL9007), black (RAL9005) or light grey (RAL7035) Other RAL or AKZO Futura colors available on request		
<b>Connection</b>	Bayonet whistle connector with integrated M20 gland		
<b>Maintenance</b>	Maintenance in (local) workshop only		
<b>Installation</b>	Post-top mounting: axial entry Ø 48-76 mm (48P, 62P or 76P) Recommended mounting height: 4-6 m Max SCx: - BDP100 (flat cone): 0.051 m <sup>2</sup> - BDP101 (bowl): 0.095 m <sup>2</sup> - BDP102 (classic cone): 0.088 m <sup>2</sup> - BDP103 (classic T): 0.093 m <sup>2</sup> - BDP104 (T): 0.053 m <sup>2</sup> - BDP105 (Tzero): 0.053 m <sup>2</sup>		

## Versions



**TownGuide Performer BDP102**  
pedestrian luminaire with clear bowl

## Product details



TownGuide\_Performer-  
BDP100\_105-DPP.TIF

## Application Conditions

Maximum dim level Not applicable

## Approval and Application

Mech. impact protection code IK10

Surge Protection (Common/Differential) Luminaire surge protection level until 6 kV differential mode and 6 kV common mode

## Controls and Dimming

Dimmable No

## General Information

CE mark CE mark

Parts color All parts colored

Coating Marine salt protected coating

Optical cover/lens type PCC

Driver included Yes

Flammability mark NO

Glow-wire test 650/5

Lamp family code LED50

Light source replaceable Yes

Number of gear units 1 unit

Product Family Code BDP102

## Light Technical

Standard tilt angle side entry -

Standard tilt angle posttop 0°

Upward light output ratio 3

## Mechanical and Housing

Color Gray

## General Information

Order Code	Full Product Name	Luminaire light beam spread	Light source color	Number of light sources	Optic type
910500991210	BDP102 LED50/830 DS PCC GR MSP 62P	75°	830 warm white	6	Distribution symmetrical
910500991211	BDP102 LED50/830 DM PCC GR MSP 62P	53° x 71°	830 warm white	6	Distribution medium
910500991212	BDP102 LED50/740 DS PCC GR MSP 62P	75°	740 neutral white	6	Distribution symmetrical
910500991213	BDP102 LED50/740 DM PCC GR MSP 62P	53° x 71°	740 neutral white	4	Distribution medium

## Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial luminous flux
910500991210	BDP102 LED50/830 DS PCC GR MSP 62P	3000 K	80	4000 lm
910500991211	BDP102 LED50/830 DM PCC GR MSP 62P	3000 K	80	3900 lm

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial luminous flux
910500991212	BDP102 LED50/740 DS PCC GR MSP 62P	4000 K	70	4050 lm
910500991213	BDP102 LED50/740 DM PCC GR MSP 62P	4000 K	70	3950 lm

