



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

Type	BDP100 (flat cone version)	Colour Rendering Index ≥ 80
	BDP101 (bowl version)	
	BDP102 (classic cone version)	
	BDP103 (classic T version)	
	BDP104 (T version)	
	BDP105 (Tzero version)	
Light source	Integral LED-module	Lumen maintenance at median useful life* 100,000 h
Power	10 to 98 W depending on LED configuration and colour temperature	Control gear failure rate at median useful life 100,000 h
Luminous flux	GreenLine: 1,200, 1,500, 2,000, 2,500, 3,000, 3,500, 4,000, 5,000, 6,000 or 7,000 lm	Performance Ambient Temperature Tq +25 °C
	EconomyLine: 4,000, 5,000, 6,000, 7,000, 8,000, 9,000, 10,000, 11,000 or 12,000 lm	Operating temperature range -20 to +35 °C
Luminaire efficacy	GreenLine: 84 to 112 lm/W (for clear bowl; 4,000 K version)	Driver Integrated programmable LED driver
	EconomyLine: 93 to 108 lm/W (for clear bowl; 4,000 K version)	Power/Data supply Philips Xitanium Prog+
Correlated Colour Temperature	3,000 K (warm white)	Mains voltage 120-277 V / 50-60 Hz
	4,000 K (neutral white)	

Specifications

Control system input	1-10 V or DALI	Options 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)
Dimming	SDU-LineSwitch	
	DynaDimmer	
	LumiStep	

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	Factory fitted cable (H07RN-F-1 mm), 4, 5 or 6 metre exterior length
Optic	Distribution residential wide (DRW), wide (DW), narrow (DN), medium (DM) or symmetrical (DS)
Optical cover	Polycarbonate cover clear (PCC) or frosted (PCF)
Material	Canopy and spigot: high-pressure die-cast aluminium Cover: impact resistant UV stabilised polycarbonate
Colour	Silver grey (RAL9006), grey aluminium (RAL9007), black (RAL9005) or light grey (RAL7035) Other RAL or AKZO Futura colours available on request
Connection	Bayonet whistle connector with integrated M20 gland
Maintenance	Maintenance in (local) workshop only
Installation	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 ² BDP101 (bowl): 0.095 m ² BDP102 (classic cone): 0.088 m ² BDP103 (classic T): 0.093 m ² BDP104 (T): 0.053 m ² BDP105 (Tzero): 0.053 m ²

Cable gland	M20, cable Ø 6-12 mm
Accessories	Special adaptor for post top Ø 90 mm (in combination with Ø 62 mm spigot) Spigot size reduction adaptor from Ø 76 mm to Ø 60 mm post-top mounting

Versions



TownGuide Performer BDP100
pedestrian luminaire with frosted bowl

Product details



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BDP100_105-DPP.TIF

