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)
	BDP101 (bowl version)
	BDP102 (classic cone version)
	BDP103 (classic T version)
	BDP104 (T version)
	BDP105 (Tzero version)
Light source	Integral LED-module
Power	10 to 98 W depending on LED configuration and color temperature
Luminous flux	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

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

Specifications

Controls system input	1-10 V or DALI
Dimming	SDU-LineSwitch
	DynaDimmer
	LumiStep

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)
	Factory fitted cable (H07RN-F-1 mm), 4, 5 or 6 meter exteriour length
Optic	Distribution residential wide (DRW), wide (DW), narrow (DN), medium (DM) or symmetrical (DS)

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Optical cover	Polycarbonate cover clear (PCC) or frosted (PCF)		**Cable gland**	M20, cable Ø 6-12 mm
Material	Canopy and spigot: high-pressure die-cast aluminum		**Accessories**	Special adapter for post top Ø 90 mm (in combination with Ø 62 mm spigot)
	Cover: impact resistant UV stabilized polycarbonate			Spigot size reduction adapter from Ø 76 mm to Ø 60 mm post top mounting
Color	Silver grey (RAL9006), grey aluminium (RAL9007), black (RAL9005) or light grey (RAL7035)			
	Other RAL or AKZO Futura colors 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 m²			
	– BDP101 (bowl): 0.095 m²			
	– BDP102 (classic cone): 0,088 m²			
	– BDP103 (classic T): 0.093 m²			
	– BDP104 (T): 0.053 m²			
	– BDP105 (Tzero): 0.053 m²			

Versions

TownGuide Performer BDP102 pedestian luminaire with clear bowl

Product details

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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
Service tag	Yes

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

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