



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. Except Tzero, which is only available with a clear bowl, all have the choice between a clear (PCC), a translucent (PCTR) or a frosted (PCF) bowl. With an extensive range of lumen packages and a choice between a Neutral White or Warm White LED as lightsource, as well as a range of dedicated optics for lower mounting height applications, it is easy to select the version that best suits your project's specific requirements. 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 it an integral part of your smart energy-reduction programs – from stand-alone LumiStep and DynaDimmer, LineSwitch-dim control and group control using Coded Mains, 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. ServiceTag offers direct access to all relevant data via the ServiceTag app, ensuring ease of maintenance. 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 and/or dimming options (can amount to as much as 80% compared to HPL mercury)
- Equipped with a service tag, a QR-based identification system that makes each luminaire uniquely identifiable and provides maintenance, installation and spare part information

Features

- Dedicated LED luminaire, optimized for minimum Total Cost of Ownership
- Wide choice of lumen packages, ranging from 1,200 up to 12,000 lumen in dedicated lumen packages.
- Choice of light colors 3000 K (Warm White) and 4000 K (Neutral White)
- Long life expectancy of 100,000 hours at an L-value between L82 and L98 (depending on chosen configuration)
- 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)
- Choice between three bowl finishes, clear for highest performance, frosted for smooth atmosphere and translucent for increased visual comfort
- Standard 5-year warranty program; as a service, we offer extended warranties or life cycle services
- Supplied including ServiceTag labels for ease of installation and maintenance. Simply register the luminaire, scan the QR code and have instant access to all relevant data via the app. Easily order spare parts via ServiceTag.

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, connecting footpaths

Specifications

Type	BDP100 (flat cone version) BDP101 (bowl version) BDP102 (classic cone version) BDP103 (classic T version) BDP104 (T version) BDP105 (Tzero version)	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 EconomyLine: 4,000, 5,000, 6,000, 7,000, 8,000, 9,000, 10,000, 11,000 or 12,000 lm
Light source	Integral LED-module	Luminaire efficacy	GreenLine: 84 to 112 lm/W (for clear bowl; 4,000 K version) EconomyLine: 93 to 108 lm/W (for clear bowl; 4,000 K version)
Power	10 to 98 W depending on LED configuration and colour temperature	Correlated Colour	3,000 K (warm white)
		Temperature	4,000 K (neutral white)
		Colour Rendering Index	≥ 80

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Lumen maintenance at median useful life*	up to L98
100,000 h	
Control gear failure rate at median useful life	10%
100,000 h	
Performance Ambient Temperature Tq	+25 °C

Specifications

Control 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 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

Operating temperature range	-20 to +35 °C
Driver	Integrated programmable LED driver
Power/Data supply	Philips Xitanium Prog+
Mains voltage	120-277 V / 50-60 Hz

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 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
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 PERF CLASSIC CONE
- LED GreenLine 1200 lm



