



TownGuide Core – Easy to choose, easy to use

TownGuide Core

The TownGuide Core family consists of two recognizable yet modern shapes: Flat Cone and Bowl. Both are available with either a clear or frosted bowl. Offering an extensive range of lumen packages and a choice of color temperatures, as well as a long lifetime and comparatively low power consumption, TownGuide Core is a choice that is easily made. TownGuide Core offers quick and easy installation. Thanks to the bayonet whistle connector located in the spigot, the luminaire does not have to be opened at all, saving valuable labor time. In the development of TownGuide Core, Philips has made every effort to ensure the investment required is as low as possible. And as TownGuide Core is a dedicated LED luminaire, the energy cost savings compared to conventional lighting are significant, making it a natural choice to replace HPL lamps, which are banned from 2015 onwards.

Benefits

- Recognizable yet modern design choices that blend in harmoniously with their surroundings
- State-of-the-art LEDs increase visual comfort for motorists, cyclists and pedestrians
- Considerable reduction in energy usage and carbon footprint compared to conventional lamps such as HPL mercury, SON-T and PL-L compact fluorescent lamps (for example, a reduction of up to 66% compared to HPL mercury)

Features

- Dedicated LED luminaire requiring low capital expenditure
- Wide choice of lumen packages, ranging from 2,000 up to 7,000 lumens (ECO)
- Choice of two light colors: 4000 K (neutral white) or 3000 K (warm white)
- Lifetime of 70,000 operating hours at L80B10
- Suitable for one-to-one retrofit replacement of luminaires in existing installations
- Bayonet whistle connector for easy installation without opening the luminaire
- Vandal-resistant (IK10), ingress protection (IP66)
- TailorFit PCB technology
- Standard 3-year warranty program

Application

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

Specifications

Type	BDP001 (flat cone version)
	BDP002 (bowl version)
Light source	Integral LED-module
Power	17 to 55 W depending on LED configuration and color temperature
Luminous flux	EconomyLine: 2000, 2500, 3000, 4000, 5000, 6000 or 7000 lm
Luminaire efficacy	87 to 108 lm/W (for clear bowl; 4000 K version)
Correlated Color	3000 K (warm white)
Temperature	4000 K (neutral white)
Color Rendering Index	≥ 80
Maintenance of lumen output - L80B10	70,000 hours at 25 °C
Operating temperature range	-20 to +35 °C
Driver	Philips Xitanium constant current driver, 1-10 V, purpose restricted by resistor to fixed output (no additional dimming possible)
Mains voltage	120-277 V / 50-60 Hz
Options	Class II version
	Mini photocell or NEMA socket

Optic	Distribution wide (DW) or symmetrical (DS)
Optical cover	Polycarbonate cover clear (PCC) or frosted (PCF)
Material	Canopy and spigot: high-pressure die-cast aluminum
	Cover: impact resistant UV stabilized polycarbonate
Color	Canopy: grey, RAL7035
	Spigot: sand blasted, unpainted
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:
	- BDP001 (flat cone): 0.051 m² - BDP002 (bowl): 0.095 m²
Cable gland	M20, cable Ø 6-12 mm
Accessories	Special adapter for post top Ø 90 mm (in combination with Ø 62 mm spigot)

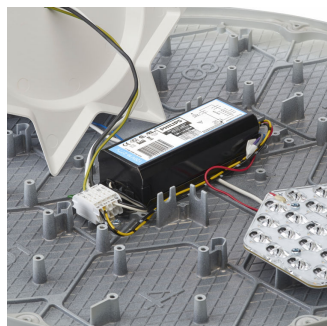
TownGuide Core

Versions

TownGuide Core BDP001 pedestrian
luminaire with clear bowl



Product details



Optimized outdoor gear for maximum
reliability



Choice of two lenses, DS (distribution
symmetric) and DW (distribution
wide), to suit the application



Whistle connector with integrated
gland for ease of installation



Fixation to the mast with two bolts,
perpendicular to the road axis

