



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 mid-power 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)

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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 L80F10
- Suitable for one-to-one retrofit replacement of luminaires in existing installations

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

- Bayonet whistle connector for easy installation without opening the luminaire
- Vandal-resistant (IK10), ingress protection (IP66)
- TailorFit PCB technology
- Standard 3-year warranty program

- 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)	• Optic	Distribution wide (DW) or symmetrical (DS)
• Light source	Integral LED-module	• Optical cover	Polycarbonate cover clear (PCC) or frosted (PCF)
• Power	19 to 64 W depending on LED configuration and color temperature	• Material	Canopy and spigot: high-pressure die-cast aluminum Cover: impact resistant UV stabilized polycarbonate
• Luminous flux	EconomyLine: 2000, 2500, 3000, 4000, 5000, 6000 or 7000 lm	• Color	Canopy: grey, RAL7035 Spigot: sand blasted, unpainted
• Luminaire efficacy	92 lm/W (for clear bowl; 4000 K version)	• Connection	Bayonet whistle connector with integrated M20 gland
• Correlated Color Temperature	3000 K (warm white) 4000 K (neutral white)	• Maintenance	Maintenance in (local) workshop only
• Color Rendering Index	≥ 80	• 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 m ² - BDP002 (bowl): 0.095 m ²
• Maintenance of lumen output - L80F10	70,000 hours at 25 °C	• Cable gland	M20, cable Ø 6-12 mm
• Operating temperature range	-20 to +35 °C	• Accessories	Special adapter for post top Ø 90 mm (in combination with Ø 62 mm spigot)
• 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		

Related products



TownGuide Core BDP001 pedestrian luminaire with clear bowl



TownGuide Core BDP001 pedestrian luminaire with frosted bowl

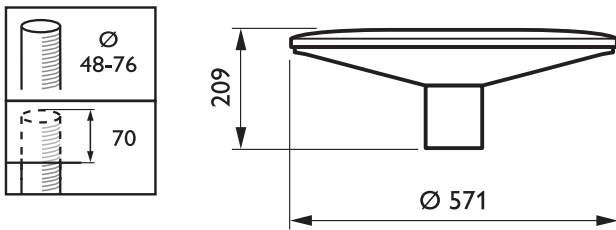


TownGuide Core BDP002 pedestrian luminaire with clear bowl

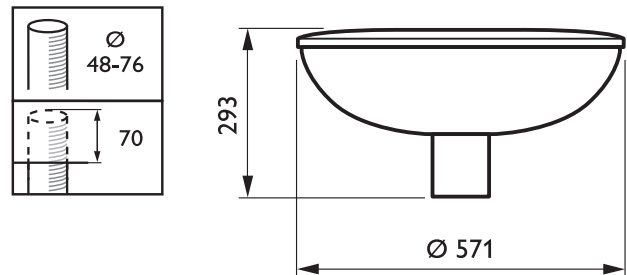


TownGuide Core BDP002 pedestrian luminaire with frosted bowl

Dimensional drawing



BDP001 ECO30-/840 DW PCC GR 76P



BDP002 ECO30-/840 DW PCC GR 76P

Product details



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



Whistle connector with integrated gland for ease of installation

Product details



Optimized outdoor gear for maximum reliability



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



Optimized outdoor gear for maximum reliability



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



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



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



Whistle connector with integrated gland for ease of installation



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

General information (1/2)

Order code	Product family code	Number of light sources	Lamp family code	Light source color	Light source replaceable	Driver included	Mech. impact protection code	Optic type	Optical cover/lens type	Parts color	Color
910500991001	BDP001	2	ECO30	840	true	true	IK10	DW	PCC	RS	GR
910500991002	BDP001	2	ECO40	830	true	true	IK10	DW	PCC	RS	GR
910500991032	BDP001	2	ECO40	840	true	true	IK10	DW	PCC	RS	GR
910500991033	BDP001	4	ECO50	840	true	true	IK10	DW	PCC	RS	GR
910500991034	BDP001	4	ECO70	840	true	true	IK10	DW	PCC	RS	GR
910500991038	BDP001	2	ECO30	840	true	true	IK10	DS	PCC	RS	GR
910500991039	BDP001	4	ECO50	840	true	true	IK10	DS	PCC	RS	GR
910500991040	BDP001	4	ECO70	840	true	true	IK10	DS	PCC	RS	GR
910500991045	BDP001	4	ECO50	830	true	true	IK10	DW	PCC	RS	GR
910500991046	BDP001	4	ECO70	830	true	true	IK10	DW	PCC	RS	GR
910500991050	BDP001	2	ECO30	830	true	true	IK10	DS	PCC	RS	GR
910500991051	BDP001	4	ECO50	830	true	true	IK10	DS	PCC	RS	GR
910500991052	BDP001	4	ECO70	830	true	true	IK10	DS	PCC	RS	GR
910500991003	BDP001	4	ECO60	840	true	true	IK10	DS	PCF	RS	GR
910500991004	BDP001	4	ECO50	830	true	true	IK10	DS	PCF	RS	GR
910500991035	BDP001	2	ECO30	840	true	true	IK10	DW	PCF	RS	GR
910500991036	BDP001	4	ECO50	840	true	true	IK10	DW	PCF	RS	GR
910500991037	BDP001	4	ECO70	840	true	true	IK10	DW	PCF	RS	GR
910500991041	BDP001	2	ECO30	840	true	true	IK10	DS	PCF	RS	GR
910500991042	BDP001	4	ECO50	840	true	true	IK10	DS	PCF	RS	GR
910500991043	BDP001	4	ECO70	840	true	true	IK10	DS	PCF	RS	GR
910500991047	BDP001	2	ECO30	830	true	true	IK10	DW	PCF	RS	GR
910500991048	BDP001	4	ECO50	830	true	true	IK10	DW	PCF	RS	GR
910500991049	BDP001	4	ECO70	830	true	true	IK10	DW	PCF	RS	GR
910500991053	BDP001	2	ECO30	830	true	true	IK10	DS	PCF	RS	GR
910500991055	BDP001	4	ECO70	830	true	true	IK10	DS	PCF	RS	GR
910500991105	BDP001	2	ECO20	830	true	true	IK10	DS	PCF	RS	GR
910500991106	BDP001	2	ECO30	830	true	true	IK10	DS	PCF	RS	GR
910500991107	BDP001	2	ECO40	830	true	true	IK10	DS	PCF	RS	GR
910500991005	BDP002	2	ECO30	840	true	true	IK10	DW	PCC	RS	GR
910500991006	BDP002	2	ECO40	830	true	true	IK10	DW	PCC	RS	GR
910500991007	BDP002	4	ECO50	830	true	true	IK10	DS	PCF	RS	GR
910500991008	BDP002	4	ECO70	850	true	true	IK10	DS	PCF	RS	GR
910500991108	BDP002	2	ECO20	830	true	true	IK10	DS	PCF	RS	GR
910500991109	BDP002	2	ECO30	830	true	true	IK10	DS	PCF	RS	GR
910500991110	BDP002	2	ECO40	830	true	true	IK10	DS	PCF	RS	GR

General information (2/2)

Order code	Product family code	Coating	Dimmable	Surge protection	Glow-wire test	CE mark	ENEC mark
910500991001	BDP001	No	No	No	650/5	CE	ENEC
910500991002	BDP001	No	No	No	650/5	CE	ENEC
910500991032	BDP001	No	No	No	650/5	CE	ENEC
910500991033	BDP001	No	No	No	650/5	CE	ENEC
910500991034	BDP001	No	No	No	650/5	CE	ENEC
910500991038	BDP001	No	No	No	650/5	CE	ENEC
910500991039	BDP001	No	No	No	650/5	CE	ENEC

Order code	Product family code	Coating	Dimmable	Surge protection	Glow-wire test	CE mark	ENEC mark
910500991040	BDP001	No	No	No	650/5	CE	ENEC
910500991045	BDP001	No	No	No	650/5	CE	ENEC
910500991046	BDP001	No	No	No	650/5	CE	ENEC
910500991050	BDP001	No	No	No	650/5	CE	ENEC
910500991051	BDP001	No	No	No	650/5	CE	ENEC
910500991052	BDP001	No	No	No	650/5	CE	ENEC
910500991003	BDP001	No	No	No	650/5	CE	ENEC
910500991004	BDP001	No	No	No	650/5	CE	ENEC
910500991035	BDP001	No	No	No	650/5	CE	ENEC
910500991036	BDP001	No	No	No	650/5	CE	ENEC
910500991037	BDP001	No	No	No	650/5	CE	ENEC
910500991041	BDP001	No	No	No	650/5	CE	ENEC
910500991042	BDP001	No	No	No	650/5	CE	ENEC
910500991043	BDP001	No	No	No	650/5	CE	ENEC
910500991047	BDP001	No	No	No	650/5	CE	ENEC
910500991048	BDP001	No	No	No	650/5	CE	ENEC
910500991049	BDP001	No	No	No	650/5	CE	ENEC
910500991053	BDP001	No	No	No	650/5	CE	ENEC
910500991055	BDP001	No	No	No	650/5	CE	ENEC
910500991105	BDP001	No	No	No	650/5	CE	ENEC
910500991106	BDP001	No	No	No	650/5	CE	ENEC
910500991107	BDP001	No	No	No	650/5	CE	ENEC
910500991005	BDP002	No	No	No	650/5	CE	ENEC
910500991006	BDP002	No	No	No	650/5	CE	ENEC
910500991007	BDP002	No	No	No	650/5	CE	ENEC
910500991008	BDP002	No	No	No	650/5	CE	ENEC
910500991108	BDP002	No	No	No	650/5	CE	ENEC
910500991109	BDP002	No	No	No	650/5	CE	ENEC
910500991110	BDP002	No	No	No	650/5	CE	ENEC



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