



TownGuide Performer

– flexible, modern designs for every application need

TownGuide Performer

The TownGuide Performer family consists of six recognisable, yet modern shapes: Flat Cone, Bowl, Classic Cone, Classic T, T and Tzero. Each luminaire has the option of a clear (PCC), translucent (PCTR) or frosted (PCF) bowl (except Tzero, which is only available with a clear bowl). With an extensive range of lumen packages, neutral white or warm white LED lights sources, and a range of dedicated optics for lower mounting heights, it's easy to select the version that best suits the specific requirements of your project. 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 this luminaire an integral part of smart energy-reduction programmes. This includes LumiStep, DynaDimmer and LineSwitch stand-alone dim control, and Coded Mains group control, right up to seamless remote connectivity with Interact lighting management software. Installation is easy. Thanks to the bayonet whistle connector with integrated gland located in the spigot, there's no need to open the luminaire for installation. The Signify Service tag app offers direct access to all relevant data, ensuring maintenance is easy too. We have 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, there are significant energy and maintenance cost savings compared with conventional lighting.

TownGuide Performer

Benefits

- Choice of LED light sources, light colours (2,700 K, 3,000 K, 4,000 K) and optics
- Significant energy and carbon savings compared to HPL mercury, SON-T and PL-L compact fluorescent lamps (up to 80% with CLO and/or dimming options)
- Minimum total cost of ownership
- Long lifetime: 100,000 hours from L80 up to L98 (depending on configuration and light colour)
- Easy installation: no need to open luminaire with bayonet whistle connector

Features

- Six designs that blend in with and enhance their surroundings
- New installations or one-to-one replacements
- Dedicated lumen packages (1,200 to 12,000 lm)
- 3 bowl finishes: clear (highest performance), frosted (smooth atmosphere), translucent (enhanced visual comfort)
- 5-year standard warranty, extended warranties or lifecycle services available
- Service tag for easy installation and maintenance.

Application

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

Versions

OPPR BDP100i 0001

OPPR BDP100i 0003

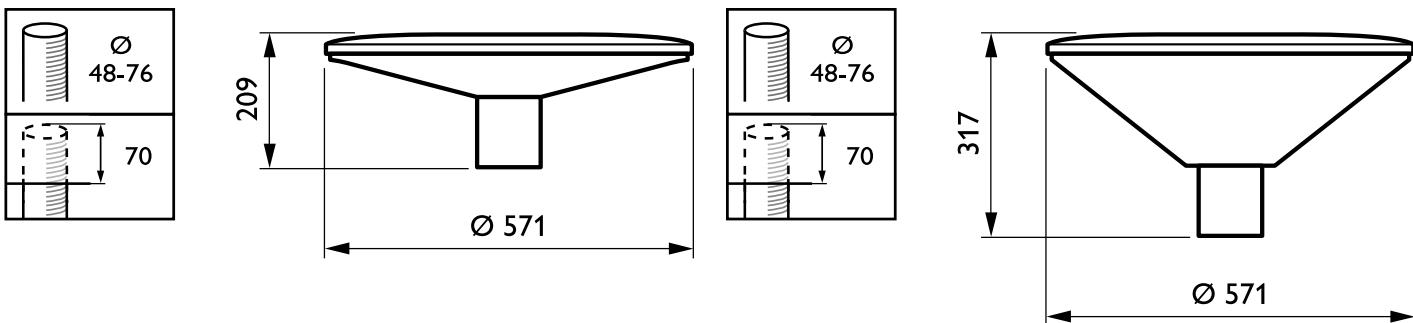


BDP102 TownGuide Performer
Classic cone, clear



TownGuide Performer

Dimensional drawing



Product details

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BDP100_105-DPP.TIF



General Information		
Driver included	Yes	
Light source replaceable	Yes	
Number of gear units	Unit	
Service Tag	Yes	
Light Technical		
Upwards light output ratio	3	
Operating and Electrical		
Surge Protection (Common/ Differential)	Surge protection level until 6 kV differential mode and 6 kV common mode	
Mechanical and Housing		
Mech. impact protection code	IK10	
Ingress protection code	IP66	
Standard tilt angle side entry	-	
Standard tilt angle post-top	0°	
Approval and Application		
CE mark	Yes	
Flammability mark	-	

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Light Technical (1/2)

Order Code	Full Product Name	Luminaire		Correlated Colour		Colour rendering
		light beam spread	source colour	Temperature (Nom)	index (CRI)	
910925866289	BDP100 LED70/830 II DW PCC GR 62P	50° x 70°	830	3000 K	80	
	LED70/830 II DW		warm			
	PCC GR 62P		white			
910925868095	BDP100 LED40/830 DS PCC ALU 76P	75°	830	3000 K	80	
	LED40/830 DS		warm			
	PCC ALU 76P		white			
910925439711	BDP100 LED60/740 II DS PCF SI 62P	75°	740	4000 K	70	
	LED60/740 II DS		neutral			
	PCF SI 62P		white			

Order Code	Full Product Name	Luminaire		Correlated Colour		Colour rendering
		light beam spread	source colour	Temperature (Nom)	index (CRI)	
910500991021	BDP102 LED40/830 II DW PCC SI CLO-DDF1 6	50° x 70°	830	3000 K	80	
	LED40/830 II DW PCC SI CLO-		warm			
	DDF1 6		white			
910500991086	BDP102 LED40/740 II DS PCC SI LS-6 62P	75°	740	4000 K	70	
	LED40/740 II DS		neutral			
	PCC SI LS-6 62P		white			

Light Technical (2/2)

Order Code	Full Product Name	Number of		
		Luminous Flux	light sources	Optic type
910925866289	BDP100 LED70/830 II DW PCC GR 62P	5,250 lm	-	Distribution wide
910925868095	BDP100 LED40/830 DS PCC ALU 76P	3,080 lm	-	Distribution symmetrical
910925439711	BDP100 LED60/740 II DS PCF SI 62P	3,240 lm	4	Distribution symmetrical

Order Code	Full Product Name	Number of		
		Luminous Flux	light sources	Optic type
910500991021	BDP102 LED40/830 II DW PCC SI CLO-DDF1 6	3,116 lm	4	Distribution wide
910500991086	BDP102 LED40/740 II DS PCC SI LS-6 62P	3,280 lm	3	Distribution symmetrical

Operating and Electrical

Order Code	Full Product Name	Power Consumption	
910925866289	BDP100 LED70/830 II DW PCC GR 62P	56 W	
910925868095	BDP100 LED40/830 DS PCC ALU 76P	32.5 W	
910925439711	BDP100 LED60/740 II DS PCF SI 62P	39 W	

Order Code	Full Product Name	Power Consumption	
910500991021	BDP102 LED40/830 II DW PCC SI CLO-DDF1 6	32.5 W	
910500991086	BDP102 LED40/740 II DS PCC SI LS-6 62P	27.5 W	

Controls and Dimming

Order Code	Full Product Name	Maximum dim	
		Dimmable	level
910925866289	BDP100 LED70/830 II DW PCC GR 62P	No	Not applicable
910925868095	BDP100 LED40/830 DS PCC ALU 76P	No	Not applicable
910925439711	BDP100 LED60/740 II DS PCF SI 62P	No	Not applicable
910500991021	BDP102 LED40/830 II DW PCC SI CLO- DDF1 6	Yes	50%

Order Code	Full Product Name	Maximum dim	
		Dimmable	level
910500991086	BDP102 LED40/740 II DS PCC SI LS-6 62P	Yes	50%

Mechanical and Housing

Order Code	Full Product Name	Housing	
		Optical cover type	Colour
910925866289	BDP100 LED70/830 II DW PCC GR 62P	Polycarbonate bowl/ cover clear	Grey

Order Code	Full Product Name	Housing	
		Optical cover type	Colour
910925868095	BDP100 LED40/830 DS PCC ALU 76P	Polycarbonate bowl/ cover frosted	Silver

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Order Code	Full Product Name	Optical cover type	Housing	Colour
910925439711	BDP100 LED60/740 II DS PCF SI 62P	Polycarbonate bowl/ cover frosted		Silver
910500991021	BDP102 LED40/830 II DW PCC SI CLO-DDF1 6	Polycarbonate bowl/ cover clear		Silver

Order Code	Full Product Name	Optical cover type	Housing	Colour
910500991086	BDP102 LED40/740 II DS PCC SI LS-6 62P	Polycarbonate bowl/ cover clear		Silver

Approval and Application

Order Code	Full Product Name	Glow-wire test
910925866289	BDP100 LED70/830 II DW PCC GR 62P	-
910925868095	BDP100 LED40/830 DS PCC ALU 76P	-
910925439711	BDP100 LED60/740 II DS PCF SI 62P	Temperature 650 °C, duration 5 s

Order Code	Full Product Name	Glow-wire test
910500991021	BDP102 LED40/830 II DW PCC SI CLO-DDF1 6	Temperature 650 °C, duration 5 s
910500991086	BDP102 LED40/740 II DS PCC SI LS-6 62P	Temperature 650 °C, duration 5 s

Over Time Performance (IEC Compliant)

Order Code	Full Product Name	Driver failure rate at 5,000 hours
910925866289	BDP100 LED70/830 II DW PCC GR 62P	0.5 %
910925868095	BDP100 LED40/830 DS PCC ALU 76P	-
910925439711	BDP100 LED60/740 II DS PCF SI 62P	0.5 %

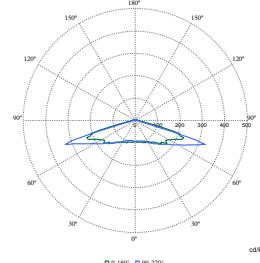
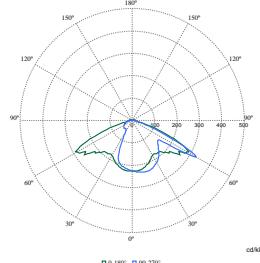
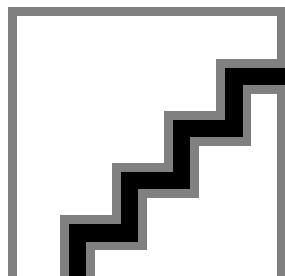
Order Code	Full Product Name	Driver failure rate at 5,000 hours
910500991021	BDP102 LED40/830 II DW PCC SI CLO-DDF1 6	0.5 %
910500991086	BDP102 LED40/740 II DS PCC SI LS-6 62P	0.5 %

Product Data

Order Code	Full Product Name	Product family code
910925866289	BDP100 LED70/830 II DW PCC GR 62P	BDP100
910925868095	BDP100 LED40/830 DS PCC ALU 76P	BDP100
910925439711	BDP100 LED60/740 II DS PCF SI 62P	BDP100

Order Code	Full Product Name	Product family code
910500991021	BDP102 LED40/830 II DW PCC SI CLO-DDF1 6	BDP102
910500991086	BDP102 LED40/740 II DS PCC SI LS-6 62P	BDP102

Polar Wide Diagrams

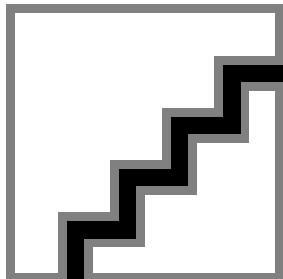


Polar Normal (separate) - BDP100I -
910500991074

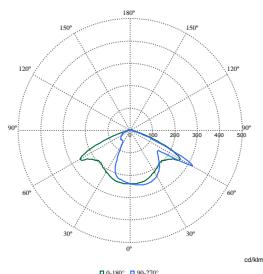
Polar Normal (separate) - BDP100I -
910500991021

Polar Normal (separate) - BDP100I -
910500991086

Polar Wide Diagrams



Polar Normal (separate) - BDP100I -
910500991067



Polar Normal (separate) - BDP100I -
910925866289

