



## TownGuide Performer

BDP100



# TownGuide Performer – flexible, modern designs for every application need

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 light 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.

## 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

## Applications

- 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

## Features

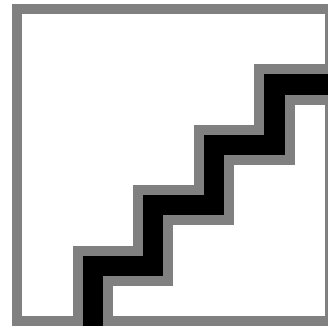
- Six designs that blend in with and enhance their surroundings
- New installations or one-to-one replacements
- Dedicated lumen packages (1,200 to 12,000 lm)

- 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.

## Versions

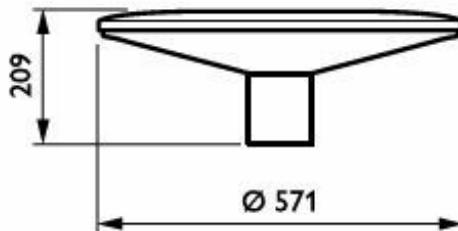
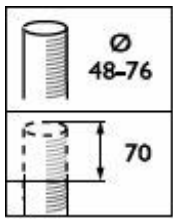


BDP102 TownGuide Performer Classic cone, clear

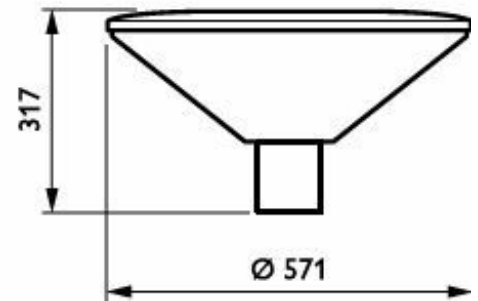
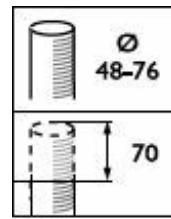


TownGuide

## Dimensional drawing



BDP100 LED40/830 DS PCC ALU 76P



BDP102 LED40/830 II DW PCC SI CLO-DDF1 6

## Product details



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BDP100\_105-DPP.TIF

## General Information

Light source replaceable	Yes
Number of gear units	Unit
Driver included	Yes
Service Tag	Yes

## Light Technical

Upwards light output ratio	3
Correlated Colour Temperature (Nom)	3000 K
Colour rendering index (CRI)	80
Number of light sources	4
Light source colour	830 warm white

## Operating and Electrical

Surge Protection (Common/Differential)	Surge protection level until 6 kV differential mode and 6 kV common mode
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## Mechanical and Housing

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK10 [20 J vandal-resistant]
Standard tilt angle post-top	0°
Standard tilt angle side entry	-

## Approval and Application

Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	-
CE mark	Yes

## Over Time Performance (IEC Compliant)

Driver failure rate at 5,000 hours	0.5 %
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## General Information

Order Code	Full Product Name	Lamp family code
910500991021	BDP102 LED40/830 II DW PCC SI CLO-DDF1 6	LED40
910925866289	BDP100 LED70/830 II DW PCC GR 62P	LED70
910925868095	BDP100 LED40/830 DS PCC ALU 76P	LED40

## Light Technical

Order Code	Full Product Name	Luminous Flux	Luminaire light beam spread	Optic type outdoor
910500991021	BDP102 LED40/830 II DW PCC SI CLO-DDF1 6	3,116 lm	50° x 70°	Distribution wide
910925866289	BDP100 LED70/830 II DW PCC GR 62P	5,250 lm	50° x 70°	Distribution wide
910925868095	BDP100 LED40/830 DS PCC ALU 76P	3,080 lm	75°	Distribution symmetrical

## Operating and Electrical

Order Code	Full Product Name	Power Consumption
910500991021	BDP102 LED40/830 II DW PCC SI CLO-DDF1 6	32.5 W
910925866289	BDP100 LED70/830 II DW PCC GR 62P	56 W
910925868095	BDP100 LED40/830 DS PCC ALU 76P	32.5 W

## Controls and Dimming

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

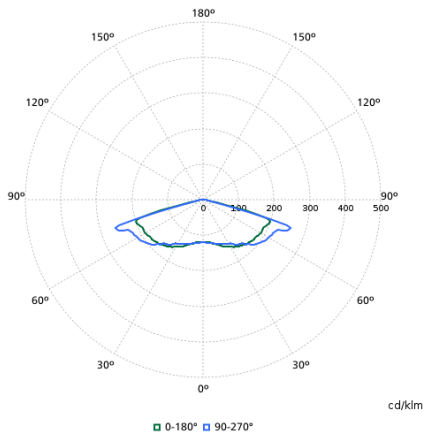
## Mechanical and Housing

Order Code	Full Product Name	Housing Colour	Optical cover type
910500991021	BDP102 LED40/830 II DW PCC SI CLO-DDF1 6	Silver	Polycarbonate bowl/cover clear
910925866289	BDP100 LED70/830 II DW PCC GR 62P	Grey	Polycarbonate bowl/cover clear
910925868095	BDP100 LED40/830 DS PCC ALU 76P	Silver	Polycarbonate bowl/cover frosted

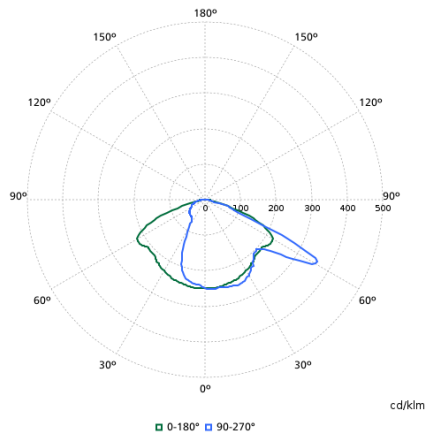
## Product Data

Order Code	Full Product Name	Product family code
910500991021	BDP102 LED40/830 II DW PCC SI CLO-DDF1 6	BDP102
910925866289	BDP100 LED70/830 II DW PCC GR 62P	BDP100
910925868095	BDP100 LED40/830 DS PCC ALU 76P	BDP100

## Polar normal diagrams



BDP100I - 910500991074



BDP100I - 910925866289