Signify

TownGuide Performer

BDP100

TownGuide Performer – flexible, modern designs for every application need

The TownGuide Performer family consists of six recognizable, 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 programs. 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 colors (2700K, 3000K, 4000K) 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 color)
- 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 centers: 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, harbors, public transport areas
- Sports: parking areas, connecting footpaths

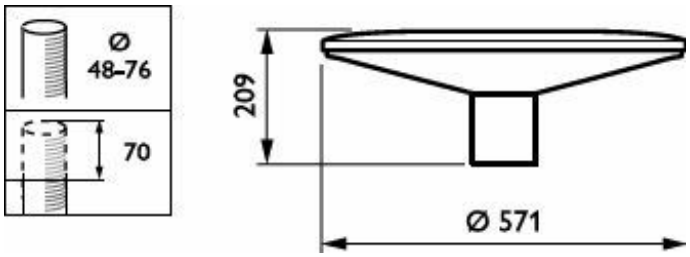
Features

- 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

TownGuide

Dimensional drawing



TOWNGUIDE PERF FLAT CONE - LED module 5000 lm - 840 neutral white - Safety class II - Distribution wide - Polycarbonate bowl/cover clear - Gray - Post-top for diameter 62 mm

General Information

Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Service tag	Yes

Light Technical

Upward light output ratio	3
Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	70
Light source color	740 neutral white

Operating and Electrical

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

Controls and Dimming

Dimmable	No
Maximum dim level	Not applicable

Mechanical and Housing

Housing Color	Gray
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK10 [20 J vandal-resistant]
Standard tilt angle posttop	0°
Standard tilt angle side entry	-
Optical cover type	Polycarbonate bowl/cover clear

Approval and Application

Flammability mark	-
CE mark	Yes

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.5 %

Product Data

Product family code	BDP100 [TOWNGUIDE PERFORMER FLAT CONE]

General Information

Order Code	Full Product Name	Lamp family code
910925866276	BDP100 LED40/740 II DW PCC GR 62P	LED40
910925866277	BDP100 LED50/740 II DW PCC GR 62P	LED50
910925866278	BDP100 LED70/740 II DW PCC GR 62P	LED70
910925866282	BDP100 LED30/740 II DS PCC GR 62P	LED30

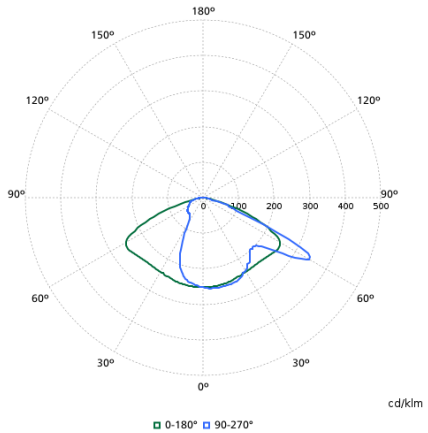
Light Technical

Order Code	Full Product Name	Luminous Flux	Luminaire light beam spread	Optic type outdoor
910925866276	BDP100 LED40/740 II DW PCC GR 62P	3,040 lm	50° x 70°	Distribution wide
910925866277	BDP100 LED50/740 II DW PCC GR 62P	3,750 lm	50° x 70°	Distribution wide
910925866278	BDP100 LED70/740 II DW PCC GR 62P	5,250 lm	50° x 70°	Distribution wide
910925866282	BDP100 LED30/740 II DS PCC GR 62P	2,340 lm	75°	Distribution symmetrical

Operating and Electrical

Order Code	Full Product Name	Power Consumption
910925866276	BDP100 LED40/740 II DW PCC GR 62P	27.5 W
910925866277	BDP100 LED50/740 II DW PCC GR 62P	34 W
910925866278	BDP100 LED70/740 II DW PCC GR 62P	45.5 W
910925866282	BDP100 LED30/740 II DS PCC GR 62P	19.6 W

Polar normal diagrams



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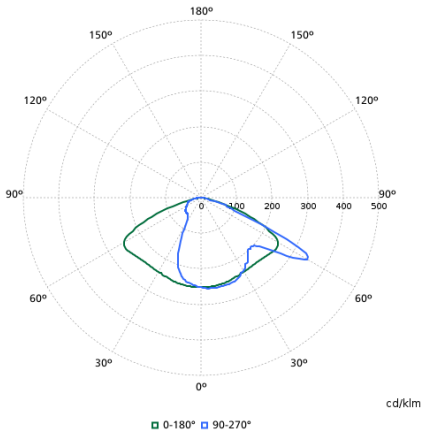

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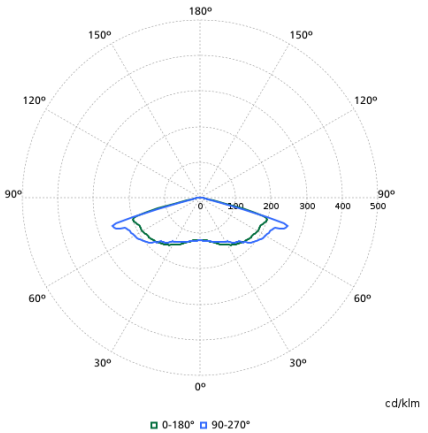

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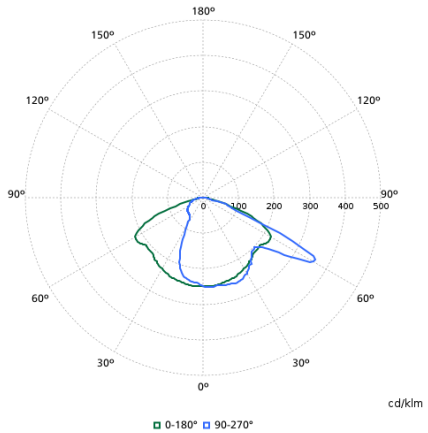

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