



# TownGuide Performer

## BDP100 LED80/740 I DS PCC GR DDF2 62P

TOWNGUIDE PERF FLAT CONE - LED module 8000 lm - 740 neutral white - Safety class I - Distribution symmetrical - Polycarbonate bowl/cover clear - Gray - Post-top for diameter 42 - 62 mm

The TownGuide Performer family consists of six recognizable yet modern shapes: Flat Cone, Bowl, Classic Cone, Classic, T and Tzero. Except Tzero, which is only available with a clear bowl, all have the choice between a clear (PCC), a translucent (PCTR) or a frosted (PCF) bowl. With an extensive range of lumen packages and a choice between a Neutral White or Warm White LED as lightsource, as well as a range of dedicated optics for lower mounting height applications, it is easy to select the version that best suits your project's specific requirements. 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 it an integral part of your smart energy-reduction programs – from stand-alone LumiStep and DynaDimmer, LineSwitch-dim control and group control using Coded Mains, through to seamless remote connectivity with CityTouch lighting management software. Installation is easy. Thanks to the bayonet whistle connector with integrated gland located in the spigot, the luminaire does not have to be opened at all for installation. ServiceTag offers direct access to all relevant data via the ServiceTag app, ensuring ease of maintenance. Philips has 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, the energy and maintenance cost savings compared to conventional lighting are significant.

### Product data

# TownGuide Performer

General Information	
Lamp family code	LED80 [ LED module 8000 lm]
Light source color	740 neutral white
Light source replaceable	Yes
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit with DynaDimmer
Driver included	Yes
Optical cover/lens type	Polycarbonate bowl/cover clear
Luminaire light beam spread	75° vertical
Control interface	-
Connection	Screw connection block 5-pole
Cable	-
Protection class IEC	Safety class I
Flammability mark	-
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Optic type outdoor	Distribution symmetrical 360° horizontal
Constant light output	No
Number of products on MCB of 16 A type B	10
RoHS mark	RoHS mark
Light source engine type	LED
Serviceability class	Class A, luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge protection device, optics, front cover and mechanical parts
Product family code	BDP100 [ TOWNGUIDE PERF FLAT CONE]

Light Technical	
Upward light output ratio	3
Standard tilt angle posttop	0°
Standard tilt angle side entry	-

Operating and Electrical	
Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Inrush current	45 A
Inrush time	0.285 ms
Power Factor (Min)	0.98

Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Housing Material	Aluminum
Reflector material	-
Optic material	Acrylate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Mounting device	Post-top for diameter 42 - 62 mm
Optical cover/lens shape	Conical flat
Optical cover/lens finish	Clear
Overall height	209 mm
Overall diameter	570 mm
Effective projected area	0.051 m²

Approval and Application	
Ingress protection code	IP66 [ Dust penetration-protected, jet-proof]
Mech. impact protection code	IK10 [ 20 J vandal-resistant]
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV differential mode and 6 kV common mode

Initial Performance (IEC Compliant)	
Initial luminous flux (system flux)	6000 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	107 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	70
Initial chromaticity	(0.38, 0.38) SDCM <5
Initial input power	56 W
Lumen maintenance	L91B10 @ 100000 hours

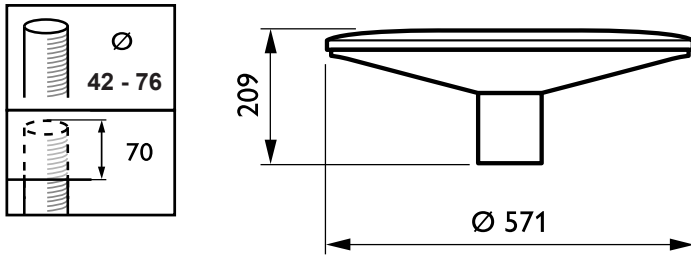
Application Conditions	
Ambient temperature range	-40 to +35 °C
Maximum dim level	50%

Product Data	
Full product code	
Order product name	BDP100 LED80/740 I DS PCC GR DDF2 62P
EAN/UPC - Product	
Order code	
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	
Net Weight (Piece)	6.480 kg



## TownGuide Performer

### Dimensional drawing



TownGuide Performer BDP100-105

