



# TownGuide Performer

## BDP100 LED30/740 DN PCC SI CLO-LS-6 76P

TOWNGUIDE PERF FLAT CONE - LED module 3000 lm -  
Distribution narrow - Polycarbonate bowl/cover clear - Post-  
top for diameter 76 mm

The TownGuide Performer family consists of six recognizable yet modern shapes: Flat Cone, Bowl, Classic Cone, Classic, T and Tzero. All are available with a clear bowl. Except for Tzero, also a frosted bowl can be chosen. With an extensive range of lumen packages and a choice of light colors and operating lifetimes, it is easy to select the version that best suits your project's specific requirements. 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, SDU switch-dim control, 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. 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

General Information			
Number of light sources	4 [ 4 pcs]	Driver/power unit/transformer	PSDD-CLO [ Power supply unit with DynaDimmer and constant light output (integrated)]
Lamp family code	LED30 [ LED module 3000 lm]	Driver included	Yes
Light source colour	740 neutral white	Optical cover/lens type	PCC [ Polycarbonate bowl/cover clear]
Light source replaceable	Yes	Luminaire light beam spread	32° x 29°
Number of gear units	1 unit		

## TownGuide Performer

Embedded control	CLO-LS-6 [ Constant light output and LumiStep dimming 6 hours]
Control interface	-
Light regulation	Dimming via DynaDimmer integrated in ballast or driver
Connection	Screw connection block 5-pole
Cable	-
Protection class IEC	Safety class I (I)
Parts colour	All parts colored
Coating	-
Glow-wire test	650/5 [ Temperature 650 °C, duration 5 s]
Flammability mark	NO [ -]
Safety device	PCBC [ PCB cover]
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Optic type outdoor	Distribution narrow
Photocell	No [ -]
Constant light output	Yes
Number of products on MCB (16 A type B)	20
EU RoHS compliant	Yes
WEEE mark	-
Light source engine type	LED
Serviceability class	Class A, the 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 post-top	0°
Standard tilt angle side entry	-

### Operating and Electrical

Input Voltage	220-240 V
Input frequency	50 to 60 Hz
Initial CLO power consumption	19.2 W
Average CLO power consumption	19.4 W
End CLO power consumption	19.6 W
Inrush current	22 A
Inrush time	0.29 ms
Power factor (min.)	0.95
Power factor (nom.)	0.93

### 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	76P [ Post-top for diameter 76 mm]
Optical cover/lens shape	Conical flat
Optical cover/lens finish	Clear
Torque	15
Overall height	209 mm
Overall diameter	570 mm
Effective projected area	0.051 m <sup>2</sup>
Colour	Silver
Dimensions (height x width x depth)	209 x NaN x NaN mm (8.2 x NaN x NaN in)

### 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 up to 6 kV differential mode and 6 kV common mode

### Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	2291 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	119 lm/W
Init. Corr. Colour Temperature	4000 K
Init. Colour rendering index	70
Initial chromaticity	(0.38, 0.38) SDCM <5
Initial input power	19.6 W
Power consumption tolerance	+/-10%
Init. colour rendering index tolerance	+/-2

### Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 100,000 h	10 %
Lumen maintenance at median useful life* 100,000 h	97

### Application Conditions

Ambient temperature range	-40 to +35 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	50%

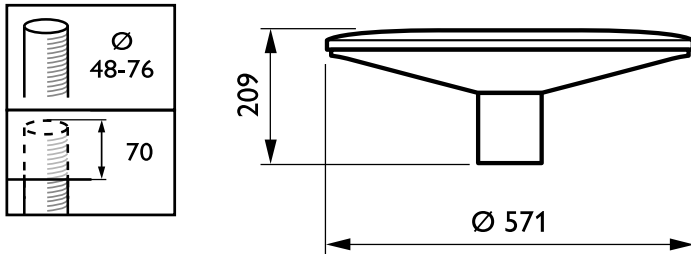
### Product Data

Full product code	871829190608700
Order product name	BDP100 LED30/740 DN PCC SI CLO-LS-6 76P
EAN/UPC – product	8718291906087
Order code	90608700
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	910500991009
SAP net weight (piece)	6.200 kg

# TownGuide Performer



## Dimensional drawing



TownGuide Performer BDP100-105

