



TownGuide Performer

BDP100 LED60/740 II DW PCF SI LS-6 62P

TOWNGUIDE PERF FLAT CONE - LED module 6000 lm -
Distribution wide - Polycarbonate bowl/cover frosted -
LumiStep dimming 6 hours - Post-top for diameter 62 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 [Power supply unit with DynaDimmer]
Lamp family code	LED60 [LED module 6000 lm]	Driver included	Yes
Lamp colour code	740 neutral white	Optical cover/lens type	PCF [Polycarbonate bowl/cover frosted]
Light source replaceable	Yes	Luminaire light beam spread	50° x 70°
Number of gear units	1 unit	Embedded control	LS-6 [LumiStep dimming 6 hours]
		Control interface	-

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Light regulation	Dimming via DynaDimmer integrated in ballast or driver
Connection	Screw connection block 5-pole
Cable	-
Protection class IEC	Safety class II (II)
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
Outdoor optic type	Distribution wide
Photocell	No [-]
Constant light output	No
Number of products on MCB	10
EU RoHS compliant	Yes
WEEE mark	-
LED engine type	LED
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
Inrush current	45 A
Inrush time	0.285 ms
Power factor (min.)	0.95
Power factor (nom.)	0.97

Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Housing material	Aluminium
Reflector material	-
Optic material	Acrylate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Mounting device	62P [Post-top for diameter 62 mm]
Optical cover/lens shape	Conical flat
Optical cover/lens finish	Frosted

Torque	15
Overall height	209 mm
Overall diameter	570 mm
Effective projected area	0.051 m²
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	3240 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	83 lm/W
Lamp colour temperature	4000 K
Colour Rendering Index	70
Initial chromaticity	(0.38, 0.38) SDCM <5
Initial input power	39 W
Power consumption tolerance	+/-11%

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	95

Application Conditions

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

Product Data

Full product code	871829191001500
Order product name	BDP100 LED60/740 II DW PCF SI LS-6 62P
EAN/UPC – product	8718291910015
Order code	91001500
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910500991061
Net weight (piece)	6.480 kg



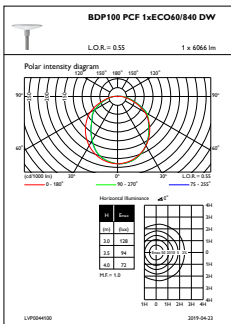
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Dimensional drawing

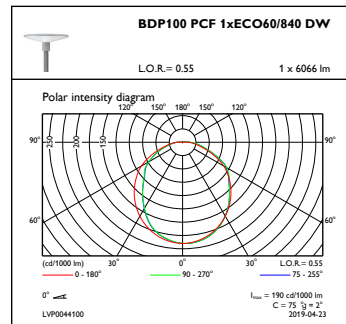


TownGuide Performer BDP100-105

Photometric data



OFPL1_BDP100PCF1xECO60840DW



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