



TownGuide Performer

BDP100 LED30/740 DM PCC SI CLO-DDF1 76P

TOWNGUIDE PERF FLAT CONE - LED module 3000 lm -
Distribution medium - Polycarbonate bowl/cover clear

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		Driver included	Yes
Number of light sources	4 [4 pcs]	Optical cover/lens type	PCC [Polycarbonate bowl/cover clear]
Lamp family code	LED30 [LED module 3000 lm]	Luminaire light beam spread	53° x 71°
Light source colour	740 neutral white	Embedded control	CLO-DDF1 [Constant light output and DynaDimmer fixed presets version 1]
Light source replaceable	Yes	Control interface	-
Number of gear units	1 unit	Light regulation	Dimming via DynaDimmer integrated in ballast or driver
Driver/power unit/transformer	PSDD-CLO [Power supply unit with DynaDimmer and constant light output (integrated)]	Connection	Screw connection block 5-pole

TownGuide Performer

Cable	-
Protection class IEC	Safety class I
Parts colour	All parts colored
Coating	-
Glow-wire test	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 medium
Photocell	No [-]
Constant light output	Yes
Number of products on MCB	20
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
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
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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	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 ²

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	2204 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	115 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	+/-11%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 100,000 h	0.1 %
Lumen maintenance at median useful life* - 35,000 h	-
Lumen maintenance at median useful life* - 50,000 h	-
Lumen maintenance at median useful life* - 75,000 h	-
Lumen maintenance at median useful life* 97 100,000 h	-

Application Conditions

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

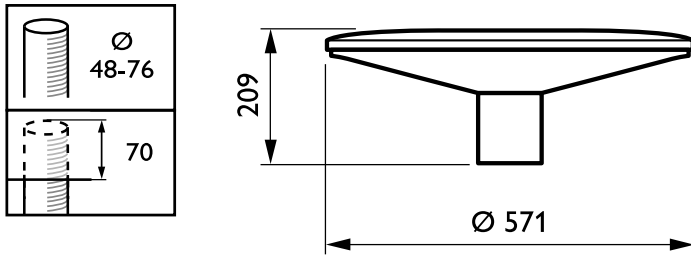
Product Data

Full product code	871869630244600
Order product name	BDP100 LED30/740 DM PCC SI CLO-DDF1 76P
EAN/UPC - product	8718696302446
Order code	30244600
Numerator - quantity per pack	1
Numerator - packs per outer box	1
Material no. (12NC)	910500991164
Net weight (piece)	6.200 kg



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Dimensional drawing



TownGuide Performer BDP100-105

