



TownGuide Performer

BDP100 LED120/740 II DRW PCC GR-900 D11

TOWNGUIDE PERF FLAT CONE - LED module 12000 lm - 740 neutral white - Safety class II (II) - Distribution residential wide - Polycarbonate bowl/cover clear - Gray - 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			
Lamp family code	LED120 [LED module 12000 lm]	Driver included	Yes
Light source color	740 neutral white	Optical cover/lens type	PCC [Polycarbonate bowl/cover clear]
Light source replaceable	Yes	Luminaire light beam spread	39° x 96°
Number of gear units	1 unit	Control interface	-
Driver/power unit/transformer	PSR [Power supply unit regulating]	Connection	Screw connection block 5-pole
		Cable	Cable 6.0 m without plug (C6K)

TownGuide Performer

Protection class IEC	Safety class II (II)
Flammability mark	NO [-]
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Optic type outdoor	Distribution residential wide
Constant light output	No
Number of products on MCB of 16 A type B	10
EU RoHS compliant	Yes
Light source engine type	LED
Service tag	Yes
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	0
Standard tilt angle posttop	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)	0.99

Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Housing Material	Aluminum
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	Wide
Optical cover/lens finish	Clear
Overall height	209 mm
Overall diameter	570 mm

Effective projected area	0.051 m ²
Color	Gray
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 until 6 kV differential mode and 6 kV common mode

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	8400 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	106 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	70
Initial chromaticity	(0.38, 0.38) SDCM <5
Initial input power	79 W
Power consumption tolerance	+/-11%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	89

Application Conditions

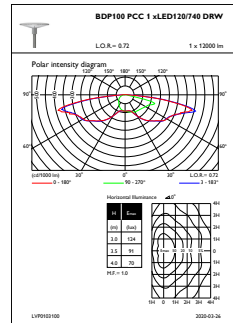
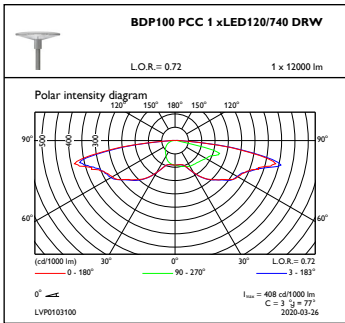
Ambient temperature range	-40 to +35 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	50%

Product Data

Full product code	871951412880400
Order product name	BDP100 LED120/740 II DRW PCC GR-900 D11
EAN/UPC - Product	8719514128804
Order code	12880400
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925867796
Net Weight (Piece)	9.390 kg



Photometric data



OFPC1_BDP100PCC1xLED120740DRW

OFPL1_BDP100PCC1xLED120740DRW

