



TownGuide Performer

BDP100 LED70/830 II DS PCF GR 62P

TOWNGUIDE PERF FLAT CONE - LED module 7000 lm - 830 warm white - Safety class II - Distribution symmetrical - Polycarbonate bowl/cover frosted - 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. 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	LED70 [LED module 7000 lm]
Light source color	830 warm white
Light source replaceable	Yes
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit regulating
Driver included	Yes
Optical cover/lens type	Polycarbonate bowl/cover frosted
Luminaire light beam spread	75°
Control interface	-
Connection	Screw connection block 5-pole
Cable	-
Protection class IEC	Safety class II
Flammability mark	-
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Optic type outdoor	Distribution symmetrical
Constant light output	No
Number of products on MCB of 16 A type B	10
EU RoHS compliant	Yes
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	220-240 V
Input Frequency	50 to 60 Hz
Inrush current	45 A
Inrush time	0.285 ms
Power Factor (Min)	0.97

Controls and Dimming	
Dimmable	No

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 62 mm
Optical cover/lens shape	Conical flat

Optical cover/lens finish	Frosted
Overall height	209 mm
Overall diameter	570 mm
Effective projected area	0.051 m²
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)	3780 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	68 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	80
Initial chromaticity	(0.43, 0.40) SDCM <5
Initial input power	56 W
Power consumption tolerance	+/-11%

Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful life 100000 h	0.1 %
Lumen maintenance at median useful life* 35000 h	-
Lumen maintenance at median useful life* 50000 h	-
Lumen maintenance at median useful life* 75000 h	-
Lumen maintenance at median useful life* 100000 h	92

Application Conditions	
Ambient temperature range	-40 to +35 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable

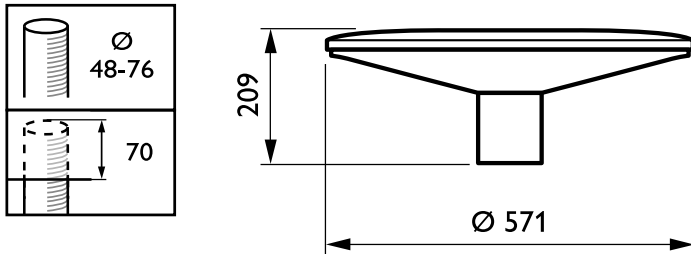
Product Data	
Full product code	871829190995800
Order product name	BDP100 LED70/830 II DS PCF GR 62P
EAN/UPC - Product	8718291909958
Order code	910925866297
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925866297
Net Weight (Piece)	6.480 kg

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IP66

IK 10

Dimensional drawing



TownGuide Performer BDP100-105

