



# 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 acces 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

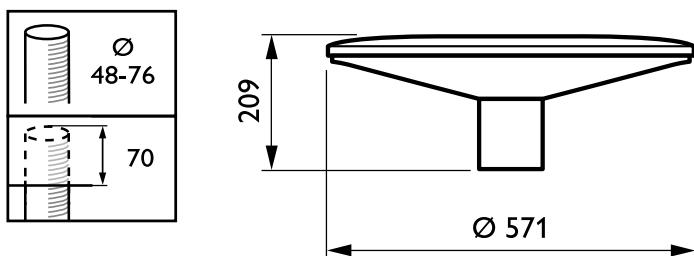
General Information		Optical cover/lens finish	Frosted
Lamp family code	LED70 [ LED module 7000 lm]	Overall height	209 mm
Light source color	830 warm white	Overall diameter	570 mm
Light source replaceable	Yes	Effective projected area	0.051 m <sup>2</sup>
Number of gear units	1 unit	Color	Gray
Driver/power unit/transformer	Power supply unit regulating	Dimensions (Height x Width x Depth)	209 x NaN x NaN mm (8.2 x NaN x NaN in)
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		Initial Performance (IEC Compliant)	
Upward light output ratio	3	Initial luminous flux (system flux)	3780 lm
Standard tilt angle posttop	0°	Luminous flux tolerance	+/-7%
Standard tilt angle side entry	-	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	-
50000 h		Lumen maintenance at median useful life* 50000 h	-
75000 h		Lumen maintenance at median useful life* 75000 h	-
100000 h		Lumen maintenance at median useful life* 100000 h	92
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		
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		

## TownGuide Performer

IP66

IK 10

### Dimensional drawing



TownGuide Performer BDP100-105

