



# **TownGuide Performer**

### BDP102 LED50/740 II DS PCC SI LS-6 62P

TOWNGUIDE PERF CLASSIC CONE, LED module 5000 lm, Distribution symmetrical, Polycarbonate bowl/cover clear, 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	
Lamp family code	LED50 [LED module 5000 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Photocell	-
Light source engine type	LED

Service tag	Yes
Product family code	BDP102 [TOWNGUIDE PERF CLASSIC
	CONE]
Lighting Technology	LED
Value ladder	Performance
Embedded control	LumiStep dimming 6 hours
CE mark	Yes

Datasheet, 2023, April 16 data subject to change

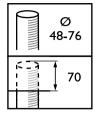
## **TownGuide Performer**

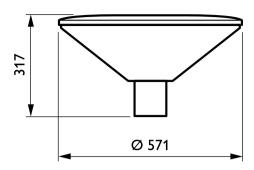
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Upward light output ratio	3
Luminous Flux	4,050 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	<del>-</del>
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	119 lm/W
Color rendering index (CRI)	70
Number of light sources	4
Light source color	740 neutral white
Optical cover type	Polycarbonate bowl/cover clear
Luminaire light beam spread	75°
Optic type outdoor	Distribution symmetrical
0 15 15	
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	45 A
Inrush time	0.285 ms
Power Consumption	34 W
Power Factor (Fraction)	0.95
Connection	Screw connection block 5-pole
Cable	. <del>-</del>
Number of products on MCB of 16 A type B	10
Temperature	
Ambient temperature range	-40 to +35 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DynaDimmer
Control interface	
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum
Reflector material	-
Optic material	Acrylate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	Silver

Mounting device	Post-top for diameter 62 mm
Optical cover shape	Conical
Optical cover finish	Clear
Overall height	317 mm
Overall diameter	570 mm
Effective projected area	0.088 m²
Parts color	All parts colored
Approval and Application	
Approval and Application	IDCC (Duet a construction and set of set
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
Sustainability rating	Lighting for circularity
Protection class IEC	Safety class II
	<del>-</del>
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.38, 0.38) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Complian	nt)
Over Time Performance (IEC Compliant Driver failure rate at 5000 h	0.5 %
Driver failure rate at 5000 h	0.5 %
Driver failure rate at 5000 h  Control gear failure rate at median useful	0.5 %
Driver failure rate at 5000 h  Control gear failure rate at median useful life 100000 h	0.5 %
Driver failure rate at 5000 h  Control gear failure rate at median useful life 100000 h  Lumen maintenance at median useful life*	0.5 %
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Driver failure rate at 5000 h  Control gear failure rate at median useful life 100000 h  Lumen maintenance at median useful life* 100000 h  Application Conditions	0.5 % 10 %
Driver failure rate at 5000 h  Control gear failure rate at median useful life 100000 h  Lumen maintenance at median useful life* 100000 h  Application Conditions  Performance ambient temperature Tq	0.5 % 10 % 93 25 °C
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Driver failure rate at 5000 h  Control gear failure rate at median useful life 100000 h  Lumen maintenance at median useful life* 100000 h  Application Conditions  Performance ambient temperature Tq  Maximum dim level  Product Data	0.5 % 10 % 93 25 °C 50%  BDP102 LED50/740 II DS PCC SI LS-6 62F
Driver failure rate at 5000 h  Control gear failure rate at median useful life 100000 h  Lumen maintenance at median useful life* 100000 h  Application Conditions  Performance ambient temperature Tq  Maximum dim level  Product Data  Order product name	0.5 % 10 % 93 25 °C 50%  BDP102 LED50/740 II DS PCC SI LS-6 62F
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Driver failure rate at 5000 h  Control gear failure rate at median useful life 100000 h  Lumen maintenance at median useful life* 100000 h  Application Conditions  Performance ambient temperature Tq  Maximum dim level  Product Data  Order product name  Full product code  Order code	0.5 % 10 % 93 25 °C 50%  BDP102 LED50/740 II DS PCC SI LS-6 62F BDP102 LED50/740 II DS PCC SI LS-6 62F 871829191027500 910500991087
Driver failure rate at 5000 h  Control gear failure rate at median useful life 100000 h  Lumen maintenance at median useful life* 100000 h  Application Conditions  Performance ambient temperature Tq  Maximum dim level  Product Data  Order product name  Full product name  Full product code  Order code  Material Nr. (12NC)	0.5 % 10 % 93 25 °C 50%  BDP102 LED50/740 II DS PCC SI LS-6 62F BDP102 LED50/740 II DS PCC SI LS-6 62F 871829191027500 910500991087 910500991087
Driver failure rate at 5000 h  Control gear failure rate at median useful life 100000 h  Lumen maintenance at median useful life* 100000 h  Application Conditions  Performance ambient temperature Tq  Maximum dim level  Product Data  Order product name  Full product name  Full product code  Order code  Material Nr. (12NC)  Numerator - Quantity Per Pack	0.5 %  10 %  93  25 °C  50%  BDP102 LED50/740 II DS PCC SI LS-6 62F  BDP102 LED50/740 II DS PCC SI LS-6 62F  871829191027500  910500991087  910500991087

#### **TownGuide Performer**

#### Dimensional drawing







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