



# **TownGuide Performer**

### BDP102 LED50/830 II DW PCC SI LS-6 62P

TOWNGUIDE PERF CLASSIC CONE, LED module 5000 lm, Distribution wide, 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

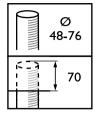
## **TownGuide Performer**

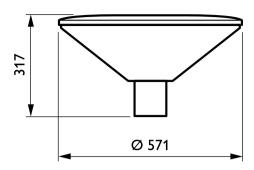
Warranty period	5 years	Optical cover shape
Flammability mark	-	Optical cover finish
ENEC mark	ENEC mark	Overall height
Glow-wire test	Temperature 650 °C, duration 5 s	Overall diameter
EU RoHS compliant	Yes	Effective projected area
		Parts color
Light Technical		
Upward light output ratio	3	Approval and Applic
Luminous Flux	3,850 lm	Ingress protection code
Standard tilt angle posttop	O°	_
Standard tilt angle side entry	-	Mech. impact protection
Correlated Color Temperature (Nom)	3000 K	Surge Protection (Comm
Luminous Efficacy (rated) (Nom)	94 lm/W	_
Color rendering index (CRI)	80	Sustainability rating
Number of light sources	4	Protection class IEC
Light source color	830 warm white	
Optical cover type	Polycarbonate bowl/cover clear	Initial Performance (
Luminaire light beam spread	50° x 70°	Luminous flux tolerance
Optic type outdoor	Distribution wide	Initial chromaticity
		Power consumption tole
Operating and Electrical		Init. Color Rendering Inc
Input Voltage	220-240 V	_
Line Frequency	50 to 60 Hz	Over Time Performa
Inrush current	45 A	Driver failure rate at 500
Inrush time	0.285 ms	Control gear failure rate
Power Consumption	41 W	life 100000 h
Power Factor (Fraction)	0.96	Lumen maintenance at r
Connection	Screw connection block 5-pole	100000 h
Cable	-	_
Number of products on MCB of 16 A type B	10	Application Conditio
The state of the s		Performance ambient te
Temperature		Maximum dim level
Ambient temperature range	-40 to +35 °C	
randent temperature range	40 to 133 C	Product Data
Controls and Dimming		Order product name
Controls and Dimming	Voc	
Dimmable  Driver / newer unit / transformer	Yes  Rower supply unit with Dyna Dimmer	Full product name
Driver/power unit/transformer	Power supply unit with DynaDimmer	_
Control interface		Full product code
Constant light output	No	Order code
		_
Mechanical and Housing		Material Nr. (12NC)
Housing Material	Aluminum	Numerator - Quantity Po
Reflector material	<del>-</del>	EAN/UPC - Product/Cas
Optic material	Acrylate	Numerator - Packs per o
Optical cover material	Polycarbonate	EAN/UPC - Case
Fixation material	Steel	_
Housing Color	Silver	_

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	
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
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.43, 0.40) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Complian	nt)
Driver failure rate at 5000 h	0.5 %
Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance at median useful life*	91
100000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	50%
Product Data	
Order product name	BDP102 LED50/830 II DW PCC SI LS-6
	62P
Full product name	BDP102 LED50/830 II DW PCC SI LS-6
	62P
Full product code	871829191033600
Order code	910500991093
Material Nr. (12NC)	910500991093
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291910336
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291910336

#### **TownGuide Performer**

#### Dimensional drawing







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