



TownGuide Performer

BDP101 LED100/830 DW PCF SI CLO 62P

TOWNGUIDE PERF BOWL, LED module 10000 lm, Distribution wide, Polycarbonate bowl/cover frosted, Constant light output, 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	LED100 [LED module 10000 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Photocell	-
Light source engine type	LED

Yes	
BDP101 [TOWNGUIDE PERF BOWL]	
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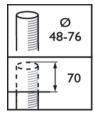
Datasheet, 2023, April 16 data subject to change

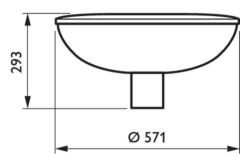
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Flammability mark		Fixation material	Steel
ENEC mark	ENEC mark	Housing Color	Silver
Glow-wire test	Temperature 650 °C, duration 5 s	Mounting device	Post-top for diameter 62 mm
EU RoHS compliant	Yes	Optical cover shape	Hemispherical flat
		Optical cover finish	Frosted
Light Technical		Overall height	293 mm
Upward light output ratio	15	Overall diameter	570 mm
Luminous Flux	4,560 lm	Effective projected area	0.095 m²
Standard tilt angle posttop	O°	Parts color	All parts colored
Standard tilt angle side entry			
Correlated Color Temperature (Nom)	3000 K	Approval and Application	
Luminous Efficacy (rated) (Nom)	70 lm/W	Ingress protection code	IP66 [Dust penetration-protected, jet-
Color rendering index (CRI)	80		proof]
Number of light sources	6	Mech. impact protection code	IK10 [20 J vandal-resistant]
Light source color	830 warm white	Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV
Optical cover type	Polycarbonate bowl/cover frosted		differential mode and 6 kV common mode
Luminaire light beam spread	50° x 70°	Sustainability rating	Lighting for circularity
Optic type outdoor	Distribution wide	Protection class IEC	Safety class I
Operating and Electrical		Initial Performance (IEC Compliant)	
Input Voltage	220-240 V	Luminous flux tolerance	+/-7%
Line Frequency	50 to 60 Hz	Initial chromaticity	(0.43, 0.40) SDCM <5
Initial CLO power consumption	65 W	Power consumption tolerance	+/-10%
Average CLO power consumption	70 W	Init. Color Rendering Index Tolerance	+/-2
End CLO power consumption	74 W		
Inrush current	47 A	Over Time Performance (IEC Complia	nt)
Inrush time	0.250 ms	Driver failure rate at 5000 h	0.5 %
Power Consumption	74 W	Control gear failure rate at median useful	10 %
Power Factor (Fraction)	0.99	life 100000 h	
Connection	Screw connection block 5-pole	Lumen maintenance at median useful life*	82
Cable		100000 h	
Number of products on MCB of 16 A type B	10		
		Application Conditions	
Temperature		Performance ambient temperature Tq	25 ℃
Ambient temperature range	-40 to +35 ℃	Maximum dim level	Not applicable
· · · · · · · · · · · · · · · · · · ·	-40 to +35 °C		Not applicable
· · · · · · · · · · · · · · · · · · ·	-40 to +35 °C	Product Data	
Ambient temperature range	-40 to +35 °C No		BDP101 LED100/830 DW PCF SI CLO 62P
Ambient temperature range Controls and Dimming		Product Data	
Ambient temperature range Controls and Dimming Dimmable	No	Product Data Order product name	BDP101 LED100/830 DW PCF SI CLO 62P
Ambient temperature range Controls and Dimming Dimmable	No Power supply unit regulating with constant	Product Data Order product name Full product name	BDP101 LED100/830 DW PCF SI CLO 62P BDP101 LED100/830 DW PCF SI CLO 62P
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer	No Power supply unit regulating with constant light output	Product Data Order product name Full product name Full product code	BDP101 LED100/830 DW PCF SI CLO 62P BDP101 LED100/830 DW PCF SI CLO 62P 871829191064000
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface	No Power supply unit regulating with constant light output	Product Data Order product name Full product name Full product code Order code	BDP101 LED100/830 DW PCF SI CLO 62P BDP101 LED100/830 DW PCF SI CLO 62P 871829191064000 910500991125
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface	No Power supply unit regulating with constant light output	Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case	BDP101 LED100/830 DW PCF SI CLO 62P BDP101 LED100/830 DW PCF SI CLO 62P 871829191064000 910500991125 910500991125 1 8718291910640
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output	No Power supply unit regulating with constant light output	Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case Numerator - Packs per outer box	BDP101 LED100/830 DW PCF SI CLO 62P BDP101 LED100/830 DW PCF SI CLO 62P 871829191064000 910500991125 910500991125 1 8718291910640
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing	No Power supply unit regulating with constant light output - Yes	Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case	BDP101 LED100/830 DW PCF SI CLO 62P BDP101 LED100/830 DW PCF SI CLO 62P 871829191064000 910500991125 910500991125 1 8718291910640
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Dimensional drawing







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