



# **TownGuide Performer**

### BDP101 LED35/830 DW PCF SI CLO 62P

TOWNGUIDE PERF BOWL, LED module 3500 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	LED35 [LED module 3500 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	BDP101 [TOWNGUIDE PERF BOWL]	
Lighting Technology	LED	
Value ladder	Performance	
Embedded control	Constant light output	
CE mark	Yes	
Warranty period	5 years	
·		

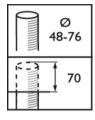
Datasheet, 2023, April 16 data subject to change

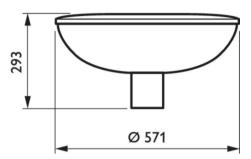
## **TownGuide Performer**

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	2,013 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)	77 lm/W	Ingress protection code	IP66 [Dust penetration-protected, jet-
Color rendering index (CRI)	80		proof]
Number of light sources	4	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	26 W	Power consumption tolerance	+/-10%
	26.5.14	Init Color Bondaring Index Toloranse	+/-2
Average CLO power consumption	26.5 W	Init. Color Rendering Index Tolerance	1/-2
Average CLO power consumption  End CLO power consumption	26.5 W 27 W	init. Cotor Rendering index Toterance	
		Over Time Performance (IEC Complia	
End CLO power consumption	27 W		
End CLO power consumption Inrush current	27 W 22 A	Over Time Performance (IEC Complia	nt)
End CLO power consumption Inrush current Inrush time	27 W 22 A 0.29 ms	Over Time Performance (IEC Complia Driver failure rate at 5000 h	nt) 0.5 %
End CLO power consumption Inrush current Inrush time Power Consumption	27 W 22 A 0.29 ms 27 W	Over Time Performance (IEC Complia Driver failure rate at 5000 h	nt) 0.5 %
End CLO power consumption Inrush current Inrush time Power Consumption Power Factor (Fraction)	27 W 22 A 0.29 ms 27 W 0.97	Over Time Performance (IEC Complia Driver failure rate at 5000 h Control gear failure rate at median useful life 100000 h	nt) 0.5 % 10 %
End CLO power consumption Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection	27 W 22 A 0.29 ms 27 W 0.97 Screw connection block 5-pole	Over Time Performance (IEC Complia Driver failure rate at 5000 h Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life*	nt) 0.5 % 10 %
End CLO power consumption Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable	27 W 22 A 0.29 ms 27 W 0.97 Screw connection block 5-pole	Over Time Performance (IEC Complia Driver failure rate at 5000 h Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life*	nt) 0.5 % 10 %
End CLO power consumption Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable	27 W 22 A 0.29 ms 27 W 0.97 Screw connection block 5-pole	Over Time Performance (IEC Complia Driver failure rate at 5000 h Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h	nt) 0.5 % 10 %
End CLO power consumption  Inrush current  Inrush time  Power Consumption  Power Factor (Fraction)  Connection  Cable  Number of products on MCB of 16 A type B	27 W 22 A 0.29 ms 27 W 0.97 Screw connection block 5-pole	Over Time Performance (IEC Complianum 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	nt) 0.5 % 10 %
End CLO power consumption Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B	27 W 22 A 0.29 ms 27 W 0.97 Screw connection block 5-pole - 20	Over Time Performance (IEC Compliance 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	nt) 0.5 % 10 % 95
End CLO power consumption Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B	27 W 22 A 0.29 ms 27 W 0.97 Screw connection block 5-pole - 20	Over Time Performance (IEC Compliance 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	nt) 0.5 % 10 % 95
End CLO power consumption Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range	27 W 22 A 0.29 ms 27 W 0.97 Screw connection block 5-pole - 20	Over Time Performance (IEC Complia 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	nt) 0.5 % 10 % 95
Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming	27 W 22 A 0.29 ms 27 W 0.97 Screw connection block 5-pole - 20  -40 to +35 °C	Over Time Performance (IEC Complia 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 % 95 25 °C Not applicable
End CLO power consumption Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range  Controls and Dimming Dimmable	27 W 22 A 0.29 ms 27 W 0.97 Screw connection block 5-pole - 20  -40 to +35 °C  No Power supply unit regulating with constant	Over Time Performance (IEC Complianum 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 % 95  25 °C  Not applicable  BDP101 LED35/830 DW PCF SI CLO 62P
End CLO power consumption Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range  Controls and Dimming Dimmable	27 W 22 A 0.29 ms 27 W 0.97 Screw connection block 5-pole - 20  -40 to +35 °C	Over Time Performance (IEC Complia 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	0.5 % 10 % 95  25 °C  Not applicable  BDP101 LED35/830 DW PCF SI CLO 62P  BDP101 LED35/830 DW PCF SI CLO 62P
End CLO power consumption Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range  Controls and Dimming Dimmable Driver/power unit/transformer	27 W 22 A 0.29 ms 27 W 0.97 Screw connection block 5-pole - 20  -40 to +35 °C  No Power supply unit regulating with constant	Over Time Performance (IEC Complia 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	0.5 % 10 % 95  25 °C  Not applicable  BDP101 LED35/830 DW PCF SI CLO 62P BDP101 LED35/830 DW PCF SI CLO 62P 871829191061900
End CLO power consumption Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B  Temperature Ambient temperature range  Controls and Dimming Dimmable Driver/power unit/transformer  Control interface	27 W  22 A  0.29 ms  27 W  0.97  Screw connection block 5-pole  -  20  -40 to +35 °C  No  Power supply unit regulating with constant light output  -	Over Time Performance (IEC Complia 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	nt)  0.5 %  10 %  95  25 °C  Not applicable  BDP101 LED35/830 DW PCF SI CLO 62P  BDP101 LED35/830 DW PCF SI CLO 62P  871829191061900  910500991122
End CLO power consumption Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B  Temperature Ambient temperature range  Controls and Dimming Dimmable Driver/power unit/transformer  Control interface	27 W  22 A  0.29 ms  27 W  0.97  Screw connection block 5-pole  -  20  -40 to +35 °C  No  Power supply unit regulating with constant light output  -	Over Time Performance (IEC Complia 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)	nt)  0.5 %  10 %  95  25 °C  Not applicable  BDP101 LED35/830 DW PCF SI CLO 62P  BDP101 LED35/830 DW PCF SI CLO 62P  871829191061900  910500991122  910500991122
Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range  Controls and Dimming Dimmable Driver/power unit/transformer  Control interface Constant light output	27 W  22 A  0.29 ms  27 W  0.97  Screw connection block 5-pole  -  20  -40 to +35 °C  No  Power supply unit regulating with constant light output  -	Over Time Performance (IEC Complia 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	nt)  0.5 %  10 %  95  25 °C  Not applicable  BDP101 LED35/830 DW PCF SI CLO 62P  BDP101 LED35/830 DW PCF SI CLO 62P  871829191061900  910500991122  910500991122  1
End CLO power consumption Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B  Temperature Ambient temperature range  Controls and Dimming Dimmable Driver/power unit/transformer  Control interface Constant light output  Mechanical and Housing	27 W 22 A 0.29 ms 27 W 0.97 Screw connection block 5-pole - 20  -40 to +35 °C  No Power supply unit regulating with constant light output - Yes	Over Time Performance (IEC Complia 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 EAN/UPC - Product/Case	0.5 % 10 % 95 25 °C Not applicable  BDP101 LED35/830 DW PCF SI CLO 62P BDP101 LED35/830 DW PCF SI CLO 62P 871829191061900 910500991122 910500991122 1 8718291910619
End CLO power consumption Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B  Temperature Ambient temperature range  Controls and Dimming Dimmable Driver/power unit/transformer  Control interface Constant light output  Mechanical and Housing Housing Material	27 W 22 A 0.29 ms 27 W 0.97 Screw connection block 5-pole - 20  -40 to +35 °C  No Power supply unit regulating with constant light output - Yes  Aluminum	Over Time Performance (IEC Complia 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 EAN/UPC - Product/Case Numerator - Packs per outer box	0.5 % 10 % 95  25 °C  Not applicable  BDP101 LED35/830 DW PCF SI CLO 62P BDP101 LED35/830 DW PCF SI CLO 62P 871829191061900 910500991122 910500991122 1 8718291910619 1
End CLO power consumption Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B  Temperature Ambient temperature range  Controls and Dimming Dimmable Driver/power unit/transformer  Control interface Constant light output  Mechanical and Housing Housing Material Reflector material	27 W 22 A 0.29 ms 27 W 0.97 Screw connection block 5-pole - 20  -40 to +35 °C  No Power supply unit regulating with constant light output - Yes  Aluminum -	Over Time Performance (IEC Complia 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 EAN/UPC - Product/Case Numerator - Packs per outer box	0.5 % 10 % 95  25 °C  Not applicable  BDP101 LED35/830 DW PCF SI CLO 62P BDP101 LED35/830 DW PCF SI CLO 62P 871829191061900 910500991122 910500991122 1 8718291910619 1

#### **TownGuide Performer**

#### Dimensional drawing







© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.