



# **TownGuide Performer**

## BDP101 LED60/830 II DS PCF SI CLO-DDF2 6

TOWNGUIDE PERF BOWL, LED module 6000 lm, Distribution symmetrical, Polycarbonate bowl/cover frosted

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	LED60 [LED module 6000 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 and DynaDimmer	
	fixed presets version 2	
CE mark	Yes	
Warranty period	5 years	
Flammability mark	-	
ENEC mark	ENEC mark	
Glow-wire test	Temperature 650 °C, duration 5 s	

Datasheet, 2023, April 19 data subject to change

## **TownGuide Performer**

EU RoHS compliant	Yes	Optical cover shape	Hemispherical
25 North Compliant		Optical cover finish	Frosted
Light Technical		Overall height	293 mm
Upward light output ratio	15	Overall diameter	570 mm
Luminous Flux	2,300 lm	Effective projected area	0.095 m <sup>2</sup>
Standard tilt angle posttop	0°	Parts color	All parts colored
Standard tilt angle side entry	-	Parts Color	All parts colored
Correlated Color Temperature (Nom)	3000 K	Approval and Application	
Luminous Efficacy (rated) (Nom)	62 lm/W	Ingress protection code	IP66 [Dust penetration-protected, jet-
Color rendering index (CRI)	80	ingress protection code	proof]
Number of light sources	8	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	Surge Frotestion (common, Binerential)	differential mode and 6 kV common mode
Luminaire light beam spread	75°	Sustainability rating	Lighting for circularity
		Protection class IEC	Safety class II
Optic type outdoor	Distribution symmetrical	Protection class IEC	Surety class ii
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	37 W	Power consumption tolerance	+/-10%
Average CLO power consumption	38.5 W	Init. Color Rendering Index Tolerance	+/-2
End CLO power consumption	40 W		
Inrush current	45 A	Over Time Performance (IEC Complia	ant)
Inrush time	0.285 ms	Driver failure rate at 5000 h	0.5 %
Power Consumption	40 W	Control gear failure rate at median useful	10 %
Power Factor (Fraction)	0.95	life 100000 h	
Connection	Screw connection block 5-pole	Lumen maintenance at median useful life*	94
Cable	-	100000 h	
Number of products on MCB of 16 A type B	10		
		<b>Application Conditions</b>	
Temperature		Performance ambient temperature Tq	25 ℃
Ambient temperature range	-40 to +35 °C	Maximum dim level	50%
Controls and Dimming		Product Data	
Dimmable	Yes	Order product name	BDP101 LED60/830 II DS PCF SI CLO-DDF2
Driver/power unit/transformer	Power supply unit with DynaDimmer and		6
	constant light output (integrated)	Full product name	BDP101 LED60/830 II DS PCF SI CLO-DDF2
Control interface	-		6
Constant light output	Yes	Full product code	871829190614800
		Order code	90614800
Mechanical and Housing		Material Nr. (12NC)	910500991015
Harris - Markardal	A1	Numerator - Quantity Per Pack	1
Housing Material	Aluminum		
Reflector material	- Aluminum	EAN/UPC - Product/Case	8718291906148
		EAN/UPC - Product/Case  Numerator - Packs per outer box	8718291906148 1
Reflector material	-	· · · · · · · · · · · · · · · · · · ·	
Reflector material Optic material	- Acrylate	Numerator - Packs per outer box	1
Reflector material Optic material Optical cover material	- Acrylate Polycarbonate	Numerator - Packs per outer box	1

### **TownGuide Performer**

Dimensional drawing



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