



# **TownGuide Performer**

### BDP102 LED30/740 DM PCC SI CLO-DDF1 76P

TOWNGUIDE PERF CLASSIC CONE, LED GreenLine 2500 lm, Distribution medium, Polycarbonate bowl/cover clear, Constant light output and DynaDimmer fixed presets version 1, Post-top for diameter 76 mm

The TownGuide Performer family consists of six recognizable, yet modern shapes: Flat Cone, Bowl, Classic Cone, Classic T, T and Tzero. Each luminaire has the option of a clear (PCC), translucent (PCTR) or frosted (PCF) bowl (except Tzero, which is only available with a clear bowl). With an extensive range of lumen packages, neutral white or warm white LED lights sources, and a range of dedicated optics for lower mounting heights, it's easy to select the version that best suits the specific requirements of your project. All this combined with a long life expectancy of 100,000 operating hours. In addition, TownGuide Performer has a variety of control system options that can make this luminaire an integral part of smart energyreduction programs. This includes LumiStep, DynaDimmer, and LineSwitch standalone dim control, and Coded Mains group control, right up to seamless remote connectivity with Interact lighting management software. Installation is easy. Thanks to the bayonet whistle connector with integrated gland located in the spigot, there's no need to open the luminaire for installation. The Signify Service tag app offers direct access to all relevant data, ensuring maintenance is easy too. 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, there are significant energy and maintenance cost savings compared with conventional lighting.

#### **Product data**

General Information		Light source replaceable	Yes
Lamp family code	GRN25 [LED GreenLine 2500 lm]	Number of gear units	1 unit

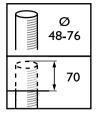
Datasheet, 2023, December 5 data subject to change

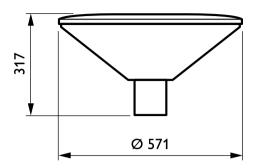
## **TownGuide Performer**

Driver included	Yes	Control interface	
Photocell	<u>-</u>	Constant light output	Yes
Light source engine type	LED		
Product family code	BDP102 [TOWNGUIDE PERF CLASSIC CONE]	Mechanical and Housing	
Lighting Technology	LED	Housing Material	Aluminum
Value ladder	Performance	Reflector material	-
Embedded control	Constant light output and DynaDimmer fixed	Optic material	Acrylate
	presets version 1	Optical cover material	Polycarbonate
CE mark	Yes	Fixation material	Steel
Warranty period	5 years	Housing Color	Silver
Flammability mark	-	Mounting device	Post-top for diameter 76 mm
ENEC mark	ENEC mark	Optical cover shape	Conical
Glow-wire test	Temperature 650 °C, duration 5 s	Optical cover finish	Clear
EU RoHS compliant	No	Overall height	317 mm
		Overall diameter	570 mm
Light Technical		Effective projected area	0.088 m²
Upward light output ratio	0.4	Parts color	All parts colored
Luminous Flux	2,400 lm		
Standard tilt angle posttop	0°	Approval and Application	
Standard tilt angle side entry	-	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Correlated Color Temperature (Nom)	4000 K	Mech. impact protection code	IK10 [20 J vandal-resistant]
Luminous Efficacy (rated) (Nom)	117 lm/W	Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV
Color rendering index (CRI)	70		differential mode and 6 kV common mode
Number of light sources	4	Protection class IEC	Safety class I
Light source color	840 neutral white		
Optical cover type	Polycarbonate bowl/cover clear	Initial Performance (IEC Compliant)	
Luminaire light beam spread	53° x 71°	Luminous flux tolerance	+/-7%
Optic type outdoor	Distribution medium	Initial chromaticity	(0.38, 0.38) SDCM <5
		Power consumption tolerance	+/-10%
Operating and Electrical		Init. Color Rendering Index Tolerance	+/-2
Input Voltage	220 to 240 V		
Line Frequency	50 to 60 Hz	Over Time Performance (IEC Compli	iant)
Initial CLO power consumption	20.5 W	Driver failure rate at 5000 h	0.5 %
Average CLO power consumption	21 W		
End CLO power consumption	21 W	Application Conditions	
Inrush current	22 A	Maximum dim level	50%
Inrush time	0.29 ms		_
Power Consumption	21 W	Product Data	
Power Factor (Fraction)	0.96	Order product name	BDP102 LED30/740 DM PCC SI CLO-DDF1
Connection	Screw connection block 5-pole		76P
Cable	-	Full product name	BDP102 LED30/740 DM PCC SI CLO-DDF1
Number of products on MCB of 16 A type	20		76P
В		Full product code	871869630246000
		Order code	910500991166
Temperature		Material Nr. (12NC)	910500991166
Ambient temperature range	-40 to +35 °C	Numerator - Quantity Per Pack	1
		EAN/UPC - Product/Case	8718696302460
Controls and Dimming		Numerator - Packs per outer box	1
Dimmable	Yes	EAN/UPC - Case	8718696302460
Driver/power unit/transformer	Power supply unit with DynaDimmer and		
	constant light output (integrated)		

#### **TownGuide Performer**

#### Dimensional drawing







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