TownGuide Performer

BDP101 LED25/740 DN PCC SI CLO-DDF2 76P

TOWNGUIDE PERF BOWL, LED GreenLine 2500 lm, Distribution narrow, Polycarbonate bowl/cover clear, Post-top for diameter 76 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	GRN25 [LED GreenLine 2500 lm]	Service tag	Yes
Light source replaceable	Yes	Product family code	BDP101 [TOWNGUIDE PERF BOWL]
Number of gear units	1 unit	Lighting Technology	LED
Driver included	Yes	Value ladder	Performance
Photocell	–	Embedded control	Constant light output and DynaDimmer fixed presets version 2
Light source engine type	LED	CE mark	Yes

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Warranty period	5 years	**Reflector material**	–
Flammability mark	–	**Optic material**	Acrylate
ENEC mark	ENEC mark	**Optical cover material**	Polycarbonate
Glow-wire test	Temperature 650 °C, duration 5 s	**Fixation material**	Steel
EU RoHS compliant	No	**Housing Color**	Silver
		Mounting device	Post-top for diameter 76 mm
Light Technical		**Optical cover shape**	Hemispherical
Upward light output ratio	0.4	**Optical cover finish**	Clear
Luminous Flux	2,016 lm	**Overall height**	293 mm
Standard tilt angle posttop	0°	**Overall diameter**	570 mm
Standard tilt angle side entry	–	**Effective projected area**	0.095 m²
Correlated Color Temperature (Nom)	4000 K	**Parts color**	All parts colored
Luminous Efficacy (rated) (Nom)	119 lm/W		
Color rendering index (CRI)	70	**Approval and Application**	
Number of light sources	4	**Ingress protection code**	IP66 [Dust penetration-protected, jet-proof]
Light source color	840 neutral white	**Mech. impact protection code**	IK10 [20 J vandal-resistant]
Optical cover type	Polycarbonate bowl/cover clear	**Surge Protection (Common/Differential)**	Luminaire surge protection level until 6 kV
Luminaire light beam spread	32° x 29°		differential mode and 6 kV common mode
Optic type outdoor	Distribution narrow	**Protection class IEC**	Safety class I
Operating and Electrical		**Initial Performance (IEC Compliant)**	
Input Voltage	220 to 240 V	**Luminous flux tolerance**	+/-7%
Line Frequency	50 to 60 Hz	**Initial chromaticity**	(0.38, 0.38) SDCM <5
Initial CLO power consumption	17 W	**Power consumption tolerance**	+/-10%
Average CLO power consumption	17.2 W	**Init. Color Rendering Index Tolerance**	+/-2
End CLO power consumption	17.4 W		
Inrush current	22 A	**Over Time Performance (IEC Compliant)**	
Inrush time	0.29 ms	**Driver failure rate at 5000 h**	0.5 %
Power Consumption	17.4 W		
Power Factor (Fraction)	0.95	**Application Conditions**	
Connection	Screw connection block 5-pole	**Maximum dim level**	50%
Cable	–		
Number of products on MCB of 16 A type B	20	**Product Data**	
		Order product name	BDP101 LED25/740 DN PCC SI CLO-DDF2 76P
Temperature			
Ambient temperature range	–40 to +35 °C	**Full product name**	BDP101 LED25/740 DN PCC SI CLO-DDF2 76P
		Full product code	871829190612400
Controls and Dimming		**Order code**	90612400
Dimmable	Yes	**Material Nr. (12NC)**	910500991013
Driver/power unit/transformer	Power supply unit with DynaDimmer and constant light output (integrated)	**Numerator – Quantity Per Pack**	1
		EAN/UPC – Product/Case	8718291906124
Control interface	–	**Numerator – Packs per outer box**	1
Constant light output	Yes	**EAN/UPC – Case**	8718291906124
Mechanical and Housing			
Housing Material	Aluminum		

Dimensional drawing