



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 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]	Light source engine type	LED
Light source replaceable	Yes	Product family code	BDP102 [TOWNGUIDE PERF CLASSIC CONE]
Number of gear units	Unit	Lighting Technology	LED
Driver included	Yes	Value ladder	Performance
Photocell	-	Embedded control	Constant light output and DynaDimmer fixed presets version 1

TownGuide Performer

CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	No

Light Technical

Upwards light output ratio	0.4
Luminous Flux	2,400 lm
Standard tilt angle post-top	0°
Standard tilt angle side entry	-
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	117 lm/W
Colour rendering index (CRI)	70
Light source colour	840 neutral white
Optical cover type	Polycarbonate bowl/cover clear
Luminaire light beam spread	53° x 71°
Optic type outdoor	Distribution medium

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	20.5 W
Average CLO power consumption	21 W
End CLO power consumption	21 W
Inrush current	22 A
Inrush time	0.29 ms
Power Consumption	21 W
Power Factor (Fraction)	0.96
Connection	Screw connection block 5-pole
Cable	-
Number of products on MCB of 16 A type B	20

Temperature

Ambient temperature range	-40 to +35 °C
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Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DynaDimmer and constant light output (integrated)
Control interface	-
Constant light output	Yes

Mechanical and Housing

Housing material	Aluminium
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Reflector material	-
Optic material	Acrylate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Housing Colour	Silver
Mounting device	Post-top for diameter 76 mm
Optical cover/lens shape	Conical
Optical cover/lens finish	Clear
Overall height	317 mm
Overall diameter	570 mm
Effective projected area	0.088 m²
Parts colour	All parts coloured

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK10 [20 J vandal-resistant]
Surge Protection (Common/Differential)	Luminaire surge protection level up to 6 kV differential mode and 6 kV common mode
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.38, 0.38) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)

Driver failure rate at 5,000 hours	0.5 %
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Application Conditions

Maximum dim level	50%
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Product Data

Order product name	BDP102 LED30/740 DM PCC SI CLO-DDF1 76P
Full product name	BDP102 LED30/740 DM PCC SI CLO-DDF1 76P
Full EOC	871869630246000
Order code	30246000
Material no. (12 NC)	910500991166
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696302460
Numerator – packs per outer box	1
EAN/UPC – Case	8718696302460

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Dimensional drawing

