



# TownGuide Performer

## BDP102 LED30/830 DW PCF SI CLO 62P

BDP102 | TOWNGUIDE PERF CLASSIC CONE - LED30 | LED module 3000 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		Light source engine type	
Lamp family code	LED30 [LED module 3000 lm]	Light source engine type	LED
Light source replaceable	Yes	Service tag	Yes
Number of gear units	1 unit	Product family code	BDP102 [TOWNGUIDE PERF CLASSIC CONE]
Driver included	Yes	Lighting Technology	LED
Photocell	-	Value ladder	Performance

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Embedded control	Constant light output
<b>Light Technical</b>	
Upward light output ratio	10
Luminous Flux	1,740 lumen
Standard tilt angle posttop	0°
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	77 lm/W
Color rendering index (CRI)	80
Number of light sources	4
Light source color	830 warm white
Optical cover/lens type	Polycarbonate bowl/cover frosted
Luminaire light beam spread	50° x 70°
Optic type outdoor	Distribution wide
<b>Operating and Electrical</b>	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Initial CLO power consumption	22.5 W
Average CLO power consumption	23 W
Power Consumption	23.5 W
End CLO power consumption	23.5 W
Inrush current	22 A
Inrush time	0.29 ms
Power Factor (Fraction)	0.97
Connection	Screw connection block 5-pole
Cable	-
Number of products on MCB of 16 A type B	20
<b>Temperature</b>	
Ambient temperature range	-40 to +35 °C
<b>Controls and Dimming</b>	
Dimmable	No
Driver/power unit/transformer	Power supply unit regulating with constant light output
Control interface	-
Constant light output	Yes
<b>Mechanical and Housing</b>	
Housing Material	Aluminum
Reflector material	-
Optic material	Acrylate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Housing Color	Silver
Mounting device	Post-top for diameter 62 mm
Optical cover/lens shape	Conical

Optical cover/lens finish	Frosted
Overall height	317 mm
Overall diameter	570 mm
Effective projected area	0.088 m <sup>2</sup>

## 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 until 6 kV differential mode and 6 kV common mode
Sustainability rating	-
Protection class IEC	Safety class I
Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark
Warranty period	5 years
EU RoHS compliant	Yes

## Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.43, 0.40) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

## Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.5 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	96

## Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable

## Product Data

Full product code	871829191068800
Order product name	BDP102 LED30/830 DW PCF SI CLO 62P
Order code	91068800
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material number (12NC)	910500991129
Full product name	BDP102 LED30/830 DW PCF SI CLO 62P
EAN/UPC - Case	8718291910688



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### Dimensional drawing

