



# TownGuide Performer

## BDP100 LED30/740 DM PCC SI CLO-DDF1 76P

TOWNGUIDE PERF FLAT CONE, LED module 3000 lm,  
Distribution medium, Polycarbonate bowl/cover clear

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		Value ladder	
Lamp family code	LED30 [LED module 3000 lm]	Embedded control	Performance
Light source replaceable	Yes	CE mark	Constant light output and DynaDimmer fixed presets version 1
Number of gear units	Unit	Warranty period	Yes
Driver included	Yes	Flammability mark	5 years
Photocell	-	ENEC mark	-
Light source engine type	LED	Glow-wire test	ENEC mark
Product family code	BDP100 [TOWNGUIDE PERF FLAT CONE]	EU RoHS compliant	Temperature 650 °C, duration 5 s
Lighting Technology	LED		Yes

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<b>Serviceability class</b>	Class A, the luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge-protection device, optics, front cover and mechanical parts
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## Light Technical

<b>Upwards light output ratio</b>	3
<b>Luminous Flux</b>	2,204 lm
<b>Standard tilt angle post-top</b>	0°
<b>Standard tilt angle side entry</b>	-
<b>Correlated Colour Temperature</b>	4000 K
<b>Luminous efficacy (rated) (nom.)</b>	115 lm/W
<b>Colour rendering index (CRI)</b>	70
<b>Number of light sources</b>	4
<b>Light source colour</b>	740 neutral white
<b>Optical cover type</b>	Polycarbonate bowl/cover clear
<b>Luminaire light beam spread</b>	53° x 71°
<b>Optic type outdoor</b>	Distribution medium

## Operating and Electrical

<b>Input Voltage</b>	220-240 V
<b>Line Frequency</b>	50 to 60 Hz
<b>Initial CLO power consumption</b>	19.2 W
<b>Average CLO power consumption</b>	19.4 W
<b>End CLO power consumption</b>	19.6 W
<b>Inrush current</b>	22 A
<b>Inrush time</b>	0.29 ms
<b>Power Consumption</b>	19.6 W
<b>Power Factor (Fraction)</b>	0.95
<b>Connection</b>	Screw connection block 5-pole
<b>Cable</b>	-
<b>Number of products on MCB of 16 A type B</b>	26

## Temperature

<b>Ambient temperature range</b>	-40 to +35 °C
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## Controls and Dimming

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

## Mechanical and Housing

<b>Housing material</b>	Aluminium
<b>Reflector material</b>	-
<b>Optic material</b>	Acrylate
<b>Optical cover/lens material</b>	Polycarbonate
<b>Fixation material</b>	Steel
<b>Housing Colour</b>	Silver

<b>Mounting device</b>	Post-top for diameter 76 mm
<b>Optical cover/lens shape</b>	Conical flat
<b>Optical cover/lens finish</b>	Clear
<b>Overall length</b>	570 mm
<b>Overall width</b>	570 mm
<b>Overall height</b>	209 mm
<b>Overall diameter</b>	570 mm
<b>Effective projected area</b>	0.051 m²
<b>Dimensions (height x width x depth)</b>	209 x 570 x 570 mm
<b>Parts colour</b>	All parts coloured

## Approval and Application

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

## Initial Performance (IEC Compliant)

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

## Over Time Performance (IEC Compliant)

<b>Driver failure rate at 5,000 hours</b>	0.5 %
<b>Control gear failure rate at median useful life 100,000 h</b>	10 %
<b>Lumen maintenance at median useful life* 100,000 h</b>	97

## Application Conditions

<b>Performance ambient temperature Tq</b>	25 °C
<b>Maximum dim level</b>	50%

## Product Data

<b>Order product name</b>	BDP100 LED30/740 DM PCC SI CLO-DDF1 76P
<b>Full product name</b>	BDP100 LED30/740 DM PCC SI CLO-DDF1 76P
<b>Full EOC</b>	871869630244600
<b>Order code</b>	30244600
<b>Material no. (12 NC)</b>	910500991164
<b>SAP numerator – quantity per pack</b>	1
<b>EAN/UPC – Product/Case</b>	8718696302446
<b>Numerator – packs per outer box</b>	1
<b>EAN/UPC - Case</b>	8718696302446

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### Dimensional drawing

