



TownGuide Performer

BDP104 LED30/740 II DM PCC SI CLO-LS-8 6

TOWNGUIDE PERF T, 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		Lighting Technology	
Lamp family code	LED30 [LED module 3000 lm]	Lighting Technology	LED
Light source replaceable	Yes	Value ladder	Performance
Number of gear units	1 unit	Embedded control	Constant light output and LumiStep dimming 8 hours
Driver included	Yes	CE mark	Yes
Photocell	-	Warranty period	5 years
Light source engine type	LED	Flammability mark	-
Service tag	Yes	ENEC mark	ENEC mark
Product family code	BDP104 [TOWNGUIDE PERF T]	Glow-wire test	Temperature 650 °C, duration 5 s

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EU RoHS compliant	Yes
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Light Technical

Upward light output ratio	3
Luminous Flux	2,204 lumen
Standard tilt angle posttop	0°
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	115 lm/W
Color rendering index (CRI)	70
Number of light sources	4
Light source color	740 neutral white
Optical cover/lens type	Polycarbonate bowl/cover clear
Luminaire light beam spread	53° x 71°
Optic type outdoor	Distribution medium

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	19.2 W
Average CLO power consumption	19.4 W
End CLO power consumption	19.6 W
Inrush current	22 A
Inrush time	0.29 ms
Power Consumption	19.6 W
Power Factor (Fraction)	0.95
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	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	Narrow
Optical cover/lens finish	Clear
Overall height	277 mm
Overall diameter	570 mm
Effective projected area	0.053 m²

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	Lighting for circularity
Protection class IEC	Safety class II

Initial Performance (IEC Compliant)

Initial chromaticity	(0.38, 0.38) SDCM <5
Luminous flux tolerance	+/-7%
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	97

Application Conditions

Maximum dim level	50%
Performance ambient temperature Tq	25 °C

Product Data

Full product code	871829190623000
Order product name	BDP104 LED30/740 II DM PCC SI CLO-LS-8 6
Order code	90623000
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910500991024
Full product name	BDP104 LED30/740 II DM PCC SI CLO-LS-8 6
EAN/UPC - Case	8718291906230
EAN/UPC - Product/Case	8718291906230

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Dimensional drawing

