



TownGuide Performer

BDP100 LED120/830 DW PCF SI CLO 62P

TOWNGUIDE PERF FLAT CONE, LED EconomyLine 12000 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, T and Tzero. Each luminaire has the option of a clear (PCC), translucent (PCTR) or frosted (PCF) bowl (except Tzero, which is only available with a clear bowl). With an extensive range of lumen packages, neutral white or warm white LED lights sources, and a range of dedicated optics for lower mounting heights, it's easy to select the version that best suits the specific requirements of your project. All this combined with a long life expectancy of 100,000 operating hours. In addition, TownGuide Performer has a variety of control system options that can make this luminaire an integral part of smart energyreduction programs. This includes LumiStep, DynaDimmer, and LineSwitch standalone dim control, and Coded Mains group control, right up to seamless remote connectivity with Interact lighting management software. Installation is easy. Thanks to the bayonet whistle connector with integrated gland located in the spigot, there's no need to open the luminaire for installation. The Signify Service tag app offers direct access to all relevant data, ensuring maintenance is easy too. 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, there are significant energy and maintenance cost savings compared with conventional lighting.

Product data

General Information	
Lamp family code	ECO120 [LED EconomyLine 12000 lm]
Light source replaceable	Yes

Number of gear units	1 unit
Driver included	Yes
Photocell	-

Datasheet, 2023, December 5 data subject to change

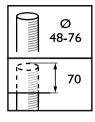
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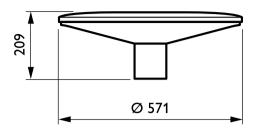
Light source engine type	LED
Product family code	BDP100 [TOWNGUIDE PERF FLAT CONE]
Lighting Technology	LED
Value ladder	Performance
Embedded control	Constant light output
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	No
Light Technical	
Upward light output ratio	0.4
Luminous Flux	5,200 lm
Standard tilt angle posttop	O°
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	60 lm/W
Color rendering index (CRI)	80
Number of light sources	8
Light source color	830 warm white
Optical cover type	Polycarbonate bowl/cover frosted
Luminaire light beam spread	50° x 70°
Optic type outdoor	Distribution wide
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	86 W
Average CLO power consumption	91 W
End CLO power consumption	97 W
Inrush current	10 A
Inrush time	0.13 ms
Power Consumption	97 W
Power Factor (Fraction)	1
Connection	Screw connection block 5-pole
Cable	-
Number of products on MCB of 16 A type	B 22
Temperature	
Ambient temperature range	-40 to +35 ℃
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit regulating with constant
	light output
Control interface	-

Constant light output	Yes
Mechanical and Housing	
	Aluminum
Housing Material	Atummum
Reflector material	A condition
Optic material	Acrylate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	Silver
Mounting device	Post-top for diameter 62 mm
Optical cover shape	Conical flat
Optical cover finish	Frosted
Overall height	209 mm
Overall diameter	570 mm
Effective projected area	0.051 m²
Parts color	All parts colored
	
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 4 kV
	differential mode and 4 kV common mode
Protection class IEC	Safety class I
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 Deufermenne (IEC Consult	
Over Time Performance (IEC Compli	`
Driver failure rate at 5000 h	0.5 %
Application Conditions	
	Net continue
Maximum dim level	Not applicable
Product Data	
	PDD100 ED120 /020 DW DCF CLCL 0 C22
Order product name	BDP100 LED120/830 DW PCF SI CLO 62P
Full product code	BDP100 LED120/830 DW PCF SI CLO 62P
Full product code	871829191057200
Order code Material Nr. (12NC)	910500991118
Material Nr. (12NC)	910500991118
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291910572
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291910572

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Dimensional drawing







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