



TownGuide Performer

BDP102 LED50/830 DM PCC GR MSP 62P

TOWNGUIDE PERF CLASSIC CONE, LED module 5000 lm, Distribution medium, Polycarbonate bowl/cover clear, 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	
Lamp family code	LED50 [LED module 5000 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Photocell	-
Light source engine type	LED

Service tag	Yes
Product family code	BDP102 [TOWNGUIDE PERF CLASSIC
	CONE]
Lighting Technology	LED
Value ladder	Performance
Embedded control	-
CE mark	Yes

Datasheet, 2023, October 11 data subject to change

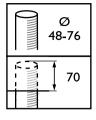
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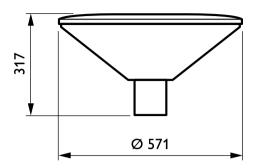
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Upward light output ratio	3
Luminous Flux	3,900 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	95 lm/W
Color rendering index (CRI)	80
Number of light sources	6
Light source color	830 warm 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	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	45 A
Inrush time	0.285 ms
Power Consumption	41 W
Power Factor (Fraction)	0.96
Connection	Screw connection block 5-pole
Cable	
Number of products on MCB of 16 A type B	10
Temperature	
Ambient temperature range	-40 to +35 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit regulating
Control interface	-
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum
Reflector material	-
Optic material	Acrylate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	Gray

Mounting device	Post-top for diameter 62 mm
Optical cover shape	Conical
Optical cover finish	Clear
Overall height	317 mm
Overall diameter	570 mm
Effective projected area	0.088 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 6 kV
	differential mode and 6 kV common mode
Sustainability rating	Lighting for circularity
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 Performance (IEC Complia	
Driver failure rate at 5000 h	0.5 %
Driver failure rate at 5000 h Control gear failure rate at median useful	
Driver failure rate at 5000 h Control gear failure rate at median useful life 100000 h	0.5 %
Driver failure rate at 5000 h Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life*	0.5 %
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Driver failure rate at 5000 h Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions	0.5 % 10 %
Driver failure rate at 5000 h Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq	0.5 % 10 % 91 25 °C
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Driver failure rate at 5000 h Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name	0.5 % 10 % 91 25 °C Not applicable BDP102 LED50/830 DM PCC GR MSP 62P BDP102 LED50/830 DM PCC GR MSP 62P
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Driver failure rate at 5000 h Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	0.5 % 10 % 91 25 °C Not applicable BDP102 LED50/830 DM PCC GR MSP 62P BDP102 LED50/830 DM PCC GR MSP 62P 871869631985700 910500991211 910500991211
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Driver failure rate at 5000 h Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	0.5 % 10 % 91 25 °C Not applicable BDP102 LED50/830 DM PCC GR MSP 62P BDP102 LED50/830 DM PCC GR MSP 62P 871869631985700 910500991211 910500991211 1

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Dimensional drawing







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