PHILIPS Lighting



TownGuide Performer

BDP102 LED40/830 II DS PCC SI LS-6 62P

TOWNGUIDE PERF CLASSIC CONE, LED module 4000 lm, Distribution symmetrical, Polycarbonate bowl/cover clear, LumiStep dimming 6 hours, 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, compatible with a variety of control systems, the energy and maintenance cost savings compared to conventional lighting are significant.

Product data

LED40 [LED module 4000 lm]
Yes
1 unit
Yes
-
LED

Yes
BDP102 [TOWNGUIDE PERF CLASSIC
CONE]
LED
Performance
LumiStep dimming 6 hours
Yes
-

TownGuide Performer

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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	3,280 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	101 lm/W
Color rendering index (CRI)	80
Number of light sources	3
Light source color	830 warm white
Optical cover type	Polycarbonate bowl/cover clear
Luminaire light beam spread	75°
Optic type outdoor	Distribution symmetrical
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	32.5 W
Power Factor (Fraction)	0.94
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	Yes
Driver/power unit/transformer	Power supply unit with DynaDimmer

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	

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)	
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)	
0.5 %	
10 %	
94	

Application Conditions

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

Product Data

Order product name	BDP102 LED40/830 II DS PCC SI LS-6
	62P
Full product name	BDP102 LED40/830 II DS PCC SI LS-6
	62P
Full product code	871829191038100
Order code	910500991098
Material Nr. (12NC)	910500991098
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291910381
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291910381

Control interface

Constant light output

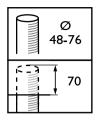
Mechanical and Housing	
Housing Material	Aluminum
Reflector material	-
Optic material	Acrylate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	Silver
Mounting device	Post-top for diameter 62 mm

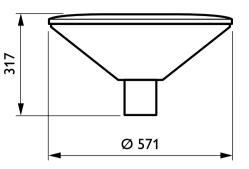
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No

TownGuide Performer

Dimensional drawing







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