PHILIPS Lighting



TownGuide Performer

BDP102 LED50/830 II DS PCC SI LS-6 62P

TOWNGUIDE PERF CLASSIC CONE, LED module 5000 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

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	LumiStep dimming 6 hours
CE mark	Yes

TownGuide Performer

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	4,000 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	98 lm/W
Color rendering index (CRI)	80
Number of light sources	4
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	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

Controls and Dimming

Yes
Power supply unit with DynaDimmer
-
No

-40 to +35 °C

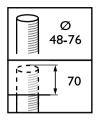
Mechanical and Housing

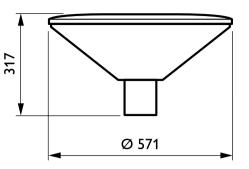
Housing Material	Aluminum
Reflector material	-
Optic material	Acrylate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	Silver

Mounting device	Post-top for diameter 62 mm
Optical cover shape	Conical
Optical cover finish	Clear
Overall height	317 mm
Overall diameter	570 mm
Effective projected area	0.088 m ²
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 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 Complia	nt)
Driver failure rate at 5000 h	0.5 %
Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance at median useful life*	91
100000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	50%
Product Data	
Order product name	BDP102 LED50/830 II DS PCC SI LS-6 62F
Full product name	BDP102 LED50/830 II DS PCC SI LS-6 62F
Full product code	871829191039800
Order code	910500991099
Material Nr. (12NC)	910500991099
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291910398
Norman Barder and and and and	1
Numerator - Packs per outer box	1

TownGuide Performer

Dimensional drawing







© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, April 16 - data subject to change