



TownGuide Performer

BDP102 LED50/830 II DW PCF SI LS-6 62P

TOWNGUIDE PERF CLASSIC CONE, LED module 5000 lm, Distribution wide, Polycarbonate bowl/cover frosted, 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 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	LumiStep dimming 6 hours	
CE mark	Yes	

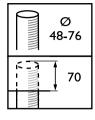
Datasheet, 2023, April 16 data subject to change

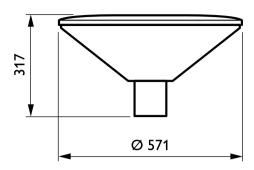
TownGuide Performer

Warranty period	5 years	Optical cover shape	Conical
Flammability mark	-	Optical cover finish	Frosted
ENEC mark	ENEC mark	Overall height	317 mm
Glow-wire test	Temperature 650 °C, duration 5 s	Overall diameter	570 mm
EU RoHS compliant	Yes	Effective projected area	0.088 m²
		Parts color	All parts colored
Light Technical			
Upward light output ratio	10	Approval and Application	
Luminous Flux	2,800 lm	Ingress protection code	IP66 [Dust penetration-protected, jet-
Standard tilt angle posttop	O°	-	proof]
Standard tilt angle side entry	-	Mech. impact protection code	IK10 [20 J vandal-resistant]
Correlated Color Temperature (Nom)	3000 K	Surge Protection (Common/Differential)	Luminaire surge protection level until 6
Luminous Efficacy (rated) (Nom)	68 lm/W	-	differential mode and 6 kV common mo
Color rendering index (CRI)	80	Sustainability rating	Lighting for circularity
Number of light sources	4	Protection class IEC	Safety class II
Light source color	830 warm white		
Optical cover type	Polycarbonate bowl/cover frosted	Initial Performance (IEC Compliant)	
Luminaire light beam spread	50° x 70°	Luminous flux tolerance	+/-7%
Optic type outdoor	Distribution wide	Initial chromaticity	(0.43, 0.40) SDCM <5
		Power consumption tolerance	+/-10%
Operating and Electrical		Init. Color Rendering Index Tolerance	+/-2
Input Voltage	220-240 V	-	
Line Frequency	50 to 60 Hz	Over Time Performance (IEC Complia	nt)
Inrush current	45 A	Driver failure rate at 5000 h	0.5 %
Inrush time	0.285 ms	Control gear failure rate at median useful	10 %
Power Consumption	41 W	- life 100000 h	
Power Factor (Fraction)	0.96	Lumen maintenance at median useful life*	91
Connection	Screw connection block 5-pole	100000 h	
Cable			
Number of products on MCB of 16 A type B	10	Application Conditions	
		Performance ambient temperature Tq	25 °C
Temperature		Maximum dim level	50%
Ambient temperature range	-40 to +35 ℃	-	
		Product Data	
Controls and Dimming		Order product name	BDP102 LED50/830 II DW PCF SI LS-6
Dimmable	Yes	-	62P
Driver/power unit/transformer	Power supply unit with DynaDimmer	Full product name	BDP102 LED50/830 II DW PCF SI LS-6
Control interface		-	62P
Constant light output	No	Full product code	871829191036700
<u> </u>		Order code	910500991096
Mechanical and Housing		Material Nr. (12NC)	910500991096
Housing Material	Aluminum	Numerator - Quantity Per Pack	1
Reflector material	-	EAN/UPC - Product/Case	8718291910367
Optic material	Acrylate	Numerator - Packs per outer box	1
Optical cover material	Polycarbonate	EAN/UPC - Case	8718291910367
Fixation material	Steel	_	
Housing Color	Silver	=	

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.