



TownGuide Performer

BDP102 LED50/830 II DS PCF SI CLO-DDF1 6

BDP102 | TOWNGUIDE PERF CLASSIC CONE, LED50 | LED module 5000 lm, Distribution symmetrical, Polycarbonate bowl/cover frosted

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	LED50 [LED module 5000 lm]	
Light source replaceable	Yes	

Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED

Datasheet, 2025, January 20 data subject to change

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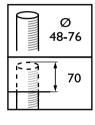
Service tag	Yes	Mechanical and Housing	
Lighting Technology	LED	Housing Material	Aluminum
Value ladder	Performance	Reflector material	-
Serviceability class	Class A, luminaire is equipped with	Optic material	Acrylate
	serviceable parts (when applicable): LED	Optical cover material	Polycarbonate
	board, driver, control units, surge	Fixation material	Steel
	protection device, optics, front cover and	Housing Color	Silver
	mechanical parts	Mounting device	Post-top for diameter 62 mm
Warranty period	5 years	Optical cover shape	Conical
Sustainability rating	Lighting for circularity	Optical cover finish	Frosted
		Overall length	570 mm
Light Technical		Overall width	570 mm
Upward light output ratio	10	Overall height	317 mm
Luminous Flux	1,900 lm	Overall diameter	570 mm
Correlated Color Temperature (Nom)	3000 K	Dimensions (Height x Width x Depth)	317 x 570 x 570 mm
Luminous Efficacy (rated) (Nom)	62 lm/W	Parts color	All parts colored
Color rendering index (CRI)	80	Ingress protection code	IP66 [Dust penetration-protected, jet-
Number of light sources	4		proof]
Light source color	830 warm white	Mech. impact protection code	IK10 [20 J vandal-resistant]
Luminaire light beam spread	75°	Standard tilt angle posttop	O°
Optic type outdoor	Distribution symmetrical	Standard tilt angle side entry	-
Effective projected area	0.088 m²	Optical cover type	Polycarbonate bowl/cover frosted
		Net Weight (Piece)	6.680 kg
Operating and Electrical			
Input Voltage	220-240 V	Approval and Application	
Line Frequency	50 to 60 Hz	Glow-wire test	Temperature 650 °C, duration 5 s
Initial CLO power consumption	30.5 W	Flammability mark	-
Average CLO power consumption	31.5 W	CE mark	Yes
End CLO power consumption	32.5 W	ENEC mark	ENEC mark
Inrush current	45 A	EU RoHS compliant	Yes
Inrush time	0.285 ms	Performance ambient temperature Tq	25 ℃
Power Consumption	32.5 W	Ambient temperature range	-40 to +35 ℃
Power Factor (Fraction)	0.95		
Connection	Screw connection block 5-pole	Initial Performance (IEC Compliant)	
Cable	-	Luminous flux tolerance	+/-7%
Number of products on MCB of 16 A type B	10	Initial chromaticity	(0.43, 0.40) SDCM <5
Protection class IEC	Safety class II	Power consumption tolerance	+/-10%
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV	Init. Color Rendering Index Tolerance	+/-2
	differential mode and 6 kV common mode	Standard Deviation of Colour Matching	SDCM≤5
		(McAdam ellipse)	
Controls and Dimming			
Dimmable	Yes	Over Time Performance (IEC Complia	nt)
Driver/power unit/transformer	Power supply unit with DynaDimmer and	Driver failure rate at 5000 h	0.5 %
	constant light output (integrated)	Control gear failure rate at median useful	5 %
Control interface	Programmable (via DALI or NFC) stand-	life 50000 h	
	alone dimming	Control gear failure rate at median useful	10 %
Constant light output	Yes	life 100000 h	
Maximum dim level	50%	Lumen maintenance at median useful life*	L96
Embedded control	Constant light output and DynaDimmer	50000 h	
	fixed presets version 1	Lumen maintenance at median useful life*	L91
Photocell	-	100000 h	

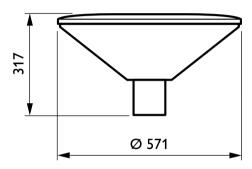
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Product Data	
Order product name	BDP102 LED50/830 II DS PCF SI CLO-
	DDF1 6
Full product name	BDP102 LED50/830 II DS PCF SI CLO-
	DDF1 6
Full product code	871829190622300
Order code	910500991023
Material Nr. (12NC)	910500991023

Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718291906223	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8718291906223	
Product family code	BDP102 [TOWNGUIDE PERF CLASSIC	
	CONE]	

Dimensional drawing







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