



TownGuide Performer

BDP103 LED50/740 II DS PCC BK CLO 76P

TownGuide Performer, Urban road & street light, 35 W, 3800 lm, 4000 K, CRI70, Distribution symmetrical, Safety class II, IP66, SRG6-6

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 1 data subject to change

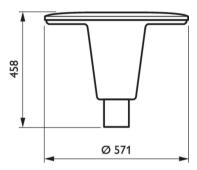
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Service tag	Yes	Mounting device	Post-top for diameter 76 mm
Lighting Technology	LED	Optical cover shape	Wide
Value ladder	Performance	Optical cover finish	Clear
Serviceability class	Class A, luminaire is equipped with	Overall height	458 mm
	serviceable parts (when applicable): LED	Overall diameter	570 mm
	board, driver, control units, surge	Ingress protection code	IP66 [Dust penetration-protected, jet-
	protection device, optics, front cover and		proof]
	mechanical parts	Mech. impact protection code	IK10 [20 J vandal-resistant]
Warranty period	5 years	Standard tilt angle posttop	O°
Sustainability rating	Lighting for circularity	Standard tilt angle side entry	-
		Optical cover type	Polycarbonate bowl/cover clear
Light Technical		Net Weight (Piece)	7.380 kg
Upward light output ratio	3		
Luminous Flux	3,800 lm	Approval and Application	
Correlated Color Temperature (Nom)	4000 K	Flammability mark	-
Luminous Efficacy (rated) (Nom)	112 lm/W	CE mark	Yes
Color rendering index (CRI)	70	ENEC mark	ENEC mark
Light source color	740 neutral white	EU RoHS compliant	Yes
Luminaire light beam spread	75°	Performance ambient temperature Tq	25 °C
Optic type outdoor	Distribution symmetrical	Ambient temperature range	-40 to +35 °C
Effective projected area	0.093 m²		
		Initial Performance (IEC Compliant)	
Operating and Electrical		Luminous flux tolerance	+/-7%
Input Voltage	220-240 V	Initial chromaticity	(0.43, 0.40) SDCM <5
Line Frequency	50 to 60 Hz	Power consumption tolerance	+/-10%
Inrush current	45 A	Init. Color Rendering Index Tolerance	+/-2
Inrush time	0.285 ms	Standard Deviation of Colour Matching	SDCM≤5
Power Consumption	35 W	(McAdam ellipse)	55 c.n.=5
Power Factor (Fraction)	0.96	(* ************************************	
Connection	Screw connection block 5-pole	Over Time Performance (IEC Complia	unt)
Cable		Control gear failure rate at median useful	5 %
Number of products on MCB of 16 A type B	10	life 50000 h	
Protection class IEC	Safety class II	Control gear failure rate at median useful	10 %
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV	life 100000 h	
, ,	differential mode and 6 kV common mode	Lumen maintenance at median useful life*	L96
		50000 h	
Controls and Dimming		Lumen maintenance at median useful life*	L93
Dimmable	No	100000 h	
Driver/power unit/transformer	Power supply unit regulating with constant		
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	light output	Product Data	
Control interface	-	Order product name	BDP103 LED50/740 II DS PCC BK CLO 76P
Constant light output	Yes	Full product name	BDP103 LED50/740 II DS PCC BK CLO 76P
Maximum dim level	Not applicable	Full product code	871951465884400
Embedded control	Constant light output	Order code	910925868808
		Material Nr. (12NC)	910925868808
Mechanical and Housing		Numerator - Quantity Per Pack	1
Housing Material	Aluminum	EAN/UPC - Product/Case	8719514658844
Reflector material		Numerator - Packs per outer box	1
Optic material	Acrylate	EAN/UPC - Case	8719514658844
Optical cover material	Polycarbonate	Product family code	BDP103 [TOWNGUIDE PERF CLASSIC T]
Fixation material	Steel		55. 105 [TOWNGOIDET ENFICEMOSIC 1]
	<u> </u>		
Housing Color	Black		

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Dimensional drawing







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