



TownGuide Performer

BDP104 LED70/740 DRW PCC GR D9 62P

TownGuide Performer, Urban road & street light, 45.5 W, 4620 lm, 4000 K, CRI70, DALI, Distribution residential wide, Safety class I, IP66, SRG6-6

The TownGuide Performer family consists of six recognisable, 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 energy-reduction programmes. This includes LumiStep, DynaDimmer and LineSwitch stand-alone 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. We have 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		Number of gear units	
Lamp family code	LED70 [LED module 7000 lm]		Unit
Light source replaceable	Yes	Driver included	Yes
		Light source engine type	LED

TownGuide Performer

Service Tag	Yes
Lighting Technology	LED
Value ladder	Performance
Warranty period	5 years

Light Technical

Upwards light output ratio	3
Luminous Flux	4,620 lm
Correlated Colour Temperature (Nom)	4000 K
Luminous efficacy (rated) (nom.)	102 lm/W
Colour rendering index (CRI)	70
Number of light sources	8
Light source colour	740 neutral white
Luminaire light beam spread	39° x 96°
Optic type outdoor	Distribution residential wide
Effective projected area	0.053 m ²

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	45.5 W
Power Factor (Fraction)	0.96
Connection	Screw connection block 5-pole
Cable	-
Number of products on MCB (16 A type B)	10
Protection class IEC	Safety class I
Surge Protection (Common/Differential)	Surge protection level until 6 kV differential mode and 6 kV common mode

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
DALI standard	DALI-2™
Maximum dim level	0% (digital)
Embedded control	-
Photocell	-

Mechanical and Housing

Housing material	Aluminium
Reflector material	-
Optic material	Acrylate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Housing Colour	Grey
Mounting device	Post-top for diameter 62 mm
Optical cover/lens shape	Narrow
Optical cover/lens finish	Clear

Overall length	570 mm
Overall width	570 mm
Overall height	277 mm
Overall diameter	570 mm
Dimensions (height x width x depth)	277 x 570 x 570 mm
Parts colour	All parts coloured
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK10 [20 J vandal-resistant]
Standard tilt angle post-top	0°
Standard tilt angle side entry	-
Optical cover type	Polycarbonate bowl/cover clear
Net Weight (Piece)	7.610 kg

Approval and Application

Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	-40 to +35 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.38, 0.38) SDCM <5
Power consumption tolerance	+/-10%
Init. Colour Rendering Index Tolerance	+/-2
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤5

Over Time Performance (IEC Compliant)

Driver failure rate at 5,000 hours	0.5 %
Control gear failure rate at median useful life 50,000 h	5 %
Control gear failure rate at median useful life 100,000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L97
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L94

Sustainability Data

Sustainability rating	Unclassified
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Product Data

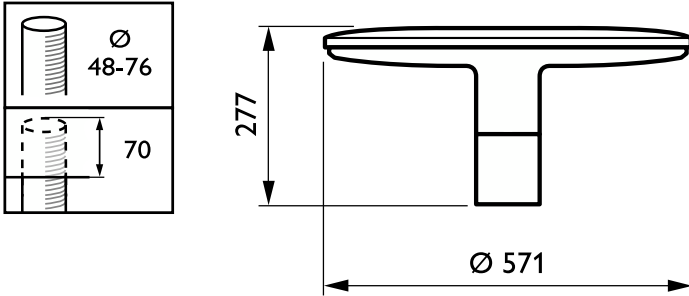
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Full product name	BDP104 LED70/740 DRW PCC GR D9 62P
Full EOC	871869634713300
Order code	910925863302

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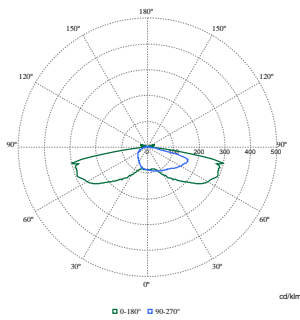
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Numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696347133
Numerator – packs per outer box	1

EAN/UPC - Case	8718696347133
Product family code	BDP104 [TOWNGUIDE PERF T]

Dimensional drawing



Photometric data



Polar Normal (separate) - BDP100I - 910925863302

