TownGuide Performer

BDP102 LED40/830 II DW PCC SI CLO-DDF1 6

BDP102 | TOWNGUIDE PERF CLASSIC CONE, LED40 | LED module 4000 lm, Distribution wide, Polycarbonate bowl/cover clear

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	LED40 [LED module 4000 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Service tag	Yes

Lighting Technology	LED
Value ladder	Performance
Serviceability class	Class A, luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge protection device, optics, front cover and mechanical parts

TownGuide Performer

Warranty period	5 years		**Optical cover shape**	Conical
Sustainability rating	Lighting for circularity		**Optical cover finish**	Clear
			Overall length	570 mm
Light Technical			**Overall width**	570 mm
Upward light output ratio	3		**Overall height**	317 mm
Luminous Flux	3,116 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)	102 lm/W		**Parts color**	All parts colored
Color rendering index (CRI)	80		**Ingress protection code**	IP66 [Dust penetration-protected, jet-proof]
Number of light sources	4			
Light source color	830 warm white		**Mech. impact protection code**	IK10 [20 J vandal-resistant]
Luminaire light beam spread	50° x 70°		**Standard tilt angle posttop**	0°
Optic type outdoor	Distribution wide		**Standard tilt angle side entry**	–
Effective projected area	0.088 m²		**Optical cover type**	Polycarbonate bowl/cover clear
			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 ℃, 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)	0.94			
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)	Surge protection level until 6 kV differential mode and 6 kV common mode		**Init. Color Rendering Index Tolerance**	+/-2
			Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤5
Controls and Dimming				
Dimmable	Yes		**Over Time Performance (IEC Compliant)**	
Driver/power unit/transformer	Power supply unit with DynaDimmer and constant light output (integrated)		**Driver failure rate at 5000 h**	0.5 %
			Control gear failure rate at median useful life 50000 h	5 %
Control interface	Programmable (via DALI or NFC) stand-alone dimming		**Control gear failure rate at median useful life 100000 h**	10 %
Constant light output	Yes			
Maximum dim level	50%		**Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h**	L97
Embedded control	Constant light output and DynaDimmer fixed presets version 1		**Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h**	L94
Photocell	–			
			Product Data	
Mechanical and Housing			**Order product name**	BDP102 LED40/830 II DW PCC SI CLO-DDF1 6
Housing Material	Aluminum			
Reflector material	–		**Full product name**	BDP102 LED40/830 II DW PCC SI CLO-DDF1 6
Optic material	Acrylate			
Optical cover material	Polycarbonate		**Full product code**	871829190620900
Fixation material	Steel		**Order code**	90620900
Housing Color	Silver		**Material Nr. (12NC)**	910500991021
Mounting device	Post-top for diameter 62 mm			

TownGuide Performer

Numerator – Quantity Per Pack	1		**Product family code**	BDP102 [TOWNGUIDE PERF CLASSIC CONE]
EAN/UPC – Product/Case	8718291906209			
Numerator – Packs per outer box	1			
EAN/UPC – Case	8718291906209			

Dimensional drawing

Ø 48-76

70

317

Ø 571

Photometric data

■ 0-180° □ 90-270°

cd/klm
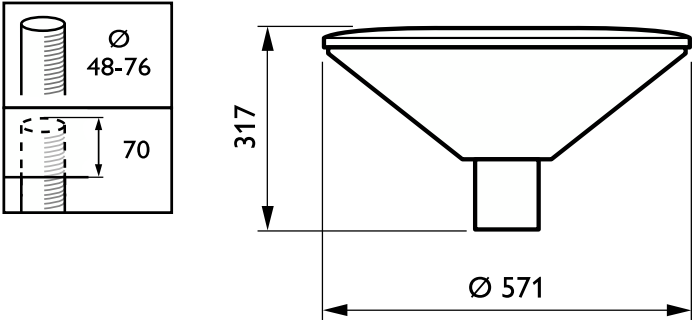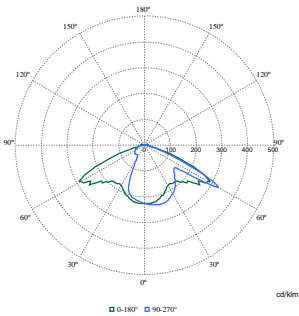
Polar Normal (separate) – BDP100I – 910500991021

www.lighting.philips.com

2023, April 19 – data subject to change