



TownGuide Performer

BDP102 LED60/740 II DW PCF SI LS-6 62P

TOWNGUIDE PERF CLASSIC CONE, LED module 6000 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	LED60 [LED module 6000 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

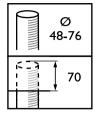
TownGuide Performer

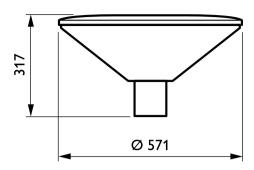
Warranty period	5 years	Optical o
Flammability mark	-	Optical o
ENEC mark	ENEC mark	Overall h
Glow-wire test	Temperature 650 °C, duration 5 s	Overall o
EU RoHS compliant	Yes	Effective
		Parts co
Light Technical		
Upward light output ratio	10	Approv
Luminous Flux	3,300 lm	Ingress p
Standard tilt angle posttop	O°	
Standard tilt angle side entry	-	Mech. in
Correlated Color Temperature (Nom)	4000 K	Surge Pi
Luminous Efficacy (rated) (Nom)	85 lm/W	
Color rendering index (CRI)	70	Sustaina
Number of light sources	4	Protecti
Light source color	740 neutral white	
Optical cover type	Polycarbonate bowl/cover frosted	Initial F
Luminaire light beam spread	50° x 70°	Luminou
Optic type outdoor	Distribution wide	Initial ch
		Power c
Operating and Electrical		Init. Col
Input Voltage	220-240 V	-
Line Frequency	50 to 60 Hz	Over T
Inrush current	45 A	Driver fa
Inrush time	0.285 ms	Control
Power Consumption	39 W	life 100
Power Factor (Fraction)	0.97	Lumen r
Connection	Screw connection block 5-pole	100000
Cable	-	-
Number of products on MCB of 16 A type B	10	Applica
		Perform
Temperature		Maximu
Ambient temperature range	-40 to +35 ℃	-
		Produc
Controls and Dimming		Order pi
Dimmable	Yes	-
Driver/power unit/transformer	Power supply unit with DynaDimmer	Full prod
Control interface	-	
Constant light output	No	Full pro
		Order co
Mechanical and Housing		Materia
Housing Material	Aluminum	Numera
Reflector material		EAN/UP
Optic material	Acrylate	Numera
Optical cover material	Polycarbonate	EAN/UP
Fixation material	Steel	-
Housing Color	Silver	-
Mounting device		-
MOUNTING HEVICE	Post-top for diameter 62 mm	

differential mode and 6 kV common mode Sustainability rating		
Overall height 317 mm Overall diameter 570 mm Effective projected area 0.088 m² Parts color All parts colored Approval and Application Ingress protection code IP66 [Dust penetration-protected, jet-proof] Mech. impact protection code IK10 [20 J vandal-resistant] Surge Protection (Common/Differential) Luminaire surge protection level until 6 k differential mode and 6 kV common mode of the circularity of the c	Optical cover shape	Conical
Overall diameter 570 mm Effective projected area 0.088 m² Parts color All parts colored Approval and Application Ingress protection code IP66 [Dust penetration-protected, jet-proof] Mech. impact protection code IK10 [20 J vandal-resistant] Surge Protection (Common/Differential) Luminaire surge protection level until 6 k differential mode and 6 kV common mode of the circularity of circularity Protection class IEC Safety class II Initial Performance (IEC Compliant) Luminous flux tolerance +/-7% Initial chromaticity (0.38, 0.38) SDCM <5 Power consumption tolerance +/-2 Over Time Performance (IEC Compliant) Driver failure rate at 5000 h 0.5 % Control gear failure rate at median useful life* 95 100000 h Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level 50% Product Data Order product name BDP102 LED60/740 II DW PCF SI LS-6 62P Full product code 871829191025100 Order code 910500991085 Material Nr. (12NC) 910500991085 Numerator - Quantity Per Pack 1	Optical cover finish	Frosted
Effective projected area 0.088 m² Parts color All parts colored Approval and Application Ingress protection code IP66 [Dust penetration-protected, jet-proof] Mech. impact protection (common/Differential) Luminaire surge protection level until 6 k differential mode and 6 kV common mod Sustainability rating Lighting for circularity Protection class IEC Safety class II Initial Performance (IEC Compliant) Luminous flux tolerance +/-7% Initial chromaticity (0.38, 0.38) SDCM <5 Power consumption tolerance +/-2 Over Time Performance (IEC Compliant) Driver failure rate at 5000 h 0.5 % Control gear failure rate at median useful life* 95 100000 h Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level 50% Product Data Order product name BDP102 LED60/740 II DW PCF SI LS-6 62P Full product code 871829191025100 Order code 910500991085 Material Nr. (12NC) 910500991085 Numerator - Quantity Per Pack 1	Overall height	317 mm
Parts color Approval and Application Ingress protection code IP66 [Dust penetration-protected, jet-proof] Mech. impact protection code IK10 [20 J vandal-resistant] Surge Protection (Common/Differential) Luminaire surge protection level until 6 kdifferential mode and 6 kV common mod Sustainability rating Lighting for circularity Protection class IEC Safety class II Initial Performance (IEC Compliant) Luminous flux tolerance +/-7% Initial chromaticity Power consumption tolerance +/-10% Init. Color Rendering Index Tolerance +/-2 Over Time Performance (IEC Compliant) Driver failure rate at 5000 h O.5 % Control gear failure rate at median useful life* 100000 h Lumen maintenance at median useful life* 95 100000 h Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level 50% Product Data Order product name BDP102 LED60/740 II DW PCF SI LS-6 62P Full product code 871829191025100 Order code 910500991085 Material Nr. (12NC) 910500991085 Numerator - Quantity Per Pack 1	Overall diameter	570 mm
Approval and Application Ingress protection code IP66 [Dust penetration-protected, jet-proof] Mech. impact protection code IKIO [20 J vandal-resistant] Surge Protection (Common/Differential) Luminaire surge protection level until 6 k differential mode and 6 kV common mode Sustainability rating Lighting for circularity Protection class IEC Safety class II Initial Performance (IEC Compliant) Luminous flux tolerance Initial chromaticity (0.38, 0.38) SDCM <5 Power consumption tolerance +/-10% Init. Color Rendering Index Tolerance +/-2 Over Time Performance (IEC Compliant) Driver failure rate at 5000 h O.5 % Control gear failure rate at median useful Iife 100000 h Lumen maintenance at median useful life* 95 100000 h Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level 50% Product Data Order product name BDP102 LED60/740 II DW PCF SI LS-6 62P Full product code 371829191025100 Order code 910500991085 Material Nr. (12NC) 910500991085 Numerator - Quantity Per Pack 1	Effective projected area	0.088 m²
Ingress protection code IP66 [Dust penetration-protected, jet-proof]	Parts color	All parts colored
Ingress protection code IP66 [Dust penetration-protected, jet-proof]		
proof]	Approval and Application	
Mech. impact protection code Surge Protection (Common/Differential) Luminaire surge protection level until 6 k differential mode and 6 kV common mode differential protection with differential protection of the different	Ingress protection code	IP66 [Dust penetration-protected, jet-
Surge Protection (Common/Differential) Luminaire surge protection level until 6 k differential mode and 6 kV common mode differential protection with a feet common mode differential protection of the differential protection of t		proof]
Sustainability rating Lighting for circularity Protection class IEC Safety class II Initial Performance (IEC Compliant) Luminous flux tolerance +/-7% Initial chromaticity (0.38, 0.38) SDCM <5 Power consumption tolerance +/-10% Init. Color Rendering Index Tolerance +/-2 Over Time Performance (IEC Compliant) Driver failure rate at 5000 h 0.5 % Control gear failure rate at median useful life* 95 100000 h Lumen maintenance at median useful life* 95 100000 h Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level 50% Product Data Order product name BDP102 LED60/740 II DW PCF SI LS-6 62P Full product code 871829191025100 Order code 910500991085 Material Nr. (12NC) 910500991085 Numerator - Quantity Per Pack 1	Mech. impact protection code	IK10 [20 J vandal-resistant]
Sustainability rating Lighting for circularity Protection class IEC Safety class II Initial Performance (IEC Compliant) Luminous flux tolerance +/-7% Initial chromaticity (0.38, 0.38) SDCM <5 Power consumption tolerance +/-10% Init. Color Rendering Index Tolerance +/-2 Over Time Performance (IEC Compliant) Driver failure rate at 5000 h 0.5 % Control gear failure rate at median useful life* 95 Control gear failure rate at median useful life* 95 100000 h Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level 50% Product Data Order product name BDP102 LED60/740 II DW PCF SI LS-6 62P Full product code 87182919025100 Order code 910500991085 Material Nr. (12NC) 910500991085 Numerator - Quantity Per Pack 1	Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV
Protection class IEC Safety class		differential mode and 6 kV common mode
Initial Performance (IEC Compliant) Luminous flux tolerance +/-7% Initial chromaticity (0.38, 0.38) SDCM <5 Power consumption tolerance +/-10% Init. Color Rendering Index Tolerance +/-2 Over Time Performance (IEC Compliant) Driver failure rate at 5000 h 0.5 % Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 95 100000 h Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level 50% Product Data Order product name BDP102 LED60/740 II DW PCF SI LS-6 62P Full product code 871829191025100 Order code 910500991085 Material Nr. (12NC) 910500991085 Numerator - Quantity Per Pack 1	Sustainability rating	Lighting for circularity
Luminous flux tolerance +/-7% Initial chromaticity (0.38, 0.38) SDCM <5 Power consumption tolerance +/-10% Init. Color Rendering Index Tolerance +/-2 Over Time Performance (IEC Compliant) Driver failure rate at 5000 h 0.5 % Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 95 100000 h Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level 50% Product Data Order product name BDP102 LED60/740 II DW PCF SI LS-6 62P Full product name BDP102 LED60/740 II DW PCF SI LS-6 62P Full product code 871829191025100 Order code 910500991085 Material Nr. (12NC) 910500991085 Numerator - Quantity Per Pack 1	Protection class IEC	Safety class II
Luminous flux tolerance +/-7% Initial chromaticity (0.38, 0.38) SDCM <5 Power consumption tolerance +/-10% Init. Color Rendering Index Tolerance +/-2 Over Time Performance (IEC Compliant) Driver failure rate at 5000 h 0.5 % Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 95 100000 h Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level 50% Product Data Order product name BDP102 LED60/740 II DW PCF SI LS-6 62P Full product name BDP102 LED60/740 II DW PCF SI LS-6 62P Full product code 871829191025100 Order code 910500991085 Material Nr. (12NC) 910500991085 Numerator - Quantity Per Pack 1		
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Power consumption tolerance +/-10% Init. Color Rendering Index Tolerance +/-2 Over Time Performance (IEC Compliant) Driver failure rate at 5000 h 0.5 % Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 95 100000 h Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level 50% Product Data Order product name BDP102 LED60/740 II DW PCF SI LS-6 62P Full product name BDP102 LED60/740 II DW PCF SI LS-6 62P Full product code 871829191025100 Order code 910500991085 Material Nr. (12NC) 910500991085 Numerator - Quantity Per Pack 1	Luminous flux tolerance	+/-7%
Init. Color Rendering Index Tolerance +/-2 Over Time Performance (IEC Compliant) Driver failure rate at 5000 h 0.5 % Control gear failure rate at median useful 10 % life 100000 h Lumen maintenance at median useful life* 95 100000 h Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level 50% Product Data Order product name BDP102 LED60/740 II DW PCF SI LS-6 62P Full product name BDP102 LED60/740 II DW PCF SI LS-6 62P Full product code 871829191025100 Order code 910500991085 Material Nr. (12NC) 910500991085 Numerator - Quantity Per Pack 1	Initial chromaticity	(0.38, 0.38) SDCM <5
Over Time Performance (IEC Compliant) Driver failure rate at 5000 h Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 95 100000 h Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level 50% Product Data Order product name BDP102 LED60/740 II DW PCF SI LS-6 62P Full product name BDP102 LED60/740 II DW PCF SI LS-6 62P Full product code 871829191025100 Order code 910500991085 Material Nr. (12NC) 910500991085 Numerator - Quantity Per Pack 1	Power consumption tolerance	+/-10%
Driver failure rate at 5000 h Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 95 100000 h Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level 50% Product Data Order product name BDP102 LED60/740 II DW PCF SI LS-6 62P Full product name BDP102 LED60/740 II DW PCF SI LS-6 62P Full product code 871829191025100 Order code 910500991085 Material Nr. (12NC) 910500991085 Numerator - Quantity Per Pack 1	Init. Color Rendering Index Tolerance	+/-2
Driver failure rate at 5000 h Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 95 100000 h Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level 50% Product Data Order product name BDP102 LED60/740 II DW PCF SI LS-6 62P Full product name BDP102 LED60/740 II DW PCF SI LS-6 62P Full product code 871829191025100 Order code 910500991085 Material Nr. (12NC) 910500991085 Numerator - Quantity Per Pack 1		
Control gear failure rate at median useful 10 %	Over Time Performance (IEC Complian	nt)
Lumen maintenance at median useful life* 95	Driver failure rate at 5000 h	0.5 %
Lumen maintenance at median useful life* 95 100000 h Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level 50% Product Data BDP102 LED60/740 II DW PCF SI LS-6 62P Full product name BDP102 LED60/740 II DW PCF SI LS-6 62P Full product code 871829191025100 Order code 910500991085 Material Nr. (12NC) 910500991085 Numerator - Quantity Per Pack 1	Control gear failure rate at median useful	10 %
Application Conditions	life 100000 h	
Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level 50% Product Data Order product name BDP102 LED60/740 II DW PCF SI LS-6 62P Full product name BDP102 LED60/740 II DW PCF SI LS-6 62P Full product code 871829191025100 Order code 910500991085 Material Nr. (12NC) 910500991085 Numerator - Quantity Per Pack 1	Lumen maintenance at median useful life*	95
Performance ambient temperature Tq 25 °C Maximum dim level 50% Product Data BDP102 LED60/740 II DW PCF SI LS-6 62P Full product name BDP102 LED60/740 II DW PCF SI LS-6 62P Full product code 871829191025100 Order code 910500991085 Material Nr. (12NC) 910500991085 Numerator - Quantity Per Pack 1	100000 h	
Performance ambient temperature Tq 25 °C Maximum dim level 50% Product Data BDP102 LED60/740 II DW PCF SI LS-6 62P Full product name BDP102 LED60/740 II DW PCF SI LS-6 62P Full product code 871829191025100 Order code 910500991085 Material Nr. (12NC) 910500991085 Numerator - Quantity Per Pack 1		
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Product Data Order product name BDP102 LED60/740 II DW PCF SI LS-6 62P BDP102 LED60/740 II DW PCF SI LS-6 62P 62P Full product code 871829191025100 Order code 910500991085 Material Nr. (12NC) 910500991085 Numerator - Quantity Per Pack 1	Performance ambient temperature Tq	25 °C
Order product name BDP102 LED60/740 DW PCF SI LS-6 62P BDP102 LED60/740 DW PCF SI LS-6 62P 62P Full product code 871829191025100 Order code 910500991085 Material Nr. (12NC) 910500991085 Numerator - Quantity Per Pack 1	Maximum dim level	50%
Order product name BDP102 LED60/740 DW PCF SI LS-6 62P BDP102 LED60/740 DW PCF SI LS-6 62P 62P Full product code 871829191025100 Order code 910500991085 Material Nr. (12NC) 910500991085 Numerator - Quantity Per Pack 1		
62P	Product Data	
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Full product code 871829191025100 Order code 910500991085 Material Nr. (12NC) 910500991085 Numerator - Quantity Per Pack 1		62P
Full product code 871829191025100 Order code 910500991085 Material Nr. (12NC) 910500991085 Numerator - Quantity Per Pack 1	Full product name	BDP102 LED60/740 II DW PCF SI LS-6
Order code 910500991085 Material Nr. (12NC) 910500991085 Numerator - Quantity Per Pack 1		62P
Material Nr. (12NC) 910500991085 Numerator - Quantity Per Pack 1	Full product code	871829191025100
Numerator - Quantity Per Pack 1	Order code	910500991085
	Material Nr. (12NC)	910500991085
		1
,	EAN/UPC - Product/Case	8718291910251
Numerator - Packs per outer box 1		
EAN/UPC - Case 8718291910251		8718291910251
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TownGuide Performer

Dimensional drawing







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