



# **TownGuide Performer**

## BDP102 LED50/740 II DW PCC SI LS-6 62P

TOWNGUIDE PERF CLASSIC CONE, LED module 5000 lm, Distribution wide, Polycarbonate bowl/cover clear, 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	LED50 [LED module 5000 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

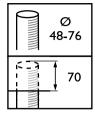
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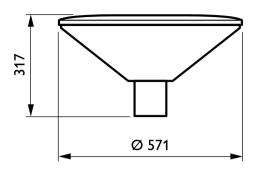
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Upward light output ratio	3
Luminous Flux	3,900 lm
Standard tilt angle posttop	O°
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	115 lm/W
Color rendering index (CRI)	70
Number of light sources	4
Light source color	740 neutral white
Optical cover type	Polycarbonate bowl/cover clear
Luminaire light beam spread	50° x 70°
Optic type outdoor	Distribution wide
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
nrush current	45 A
nrush time	0.285 ms
Power Consumption	34 W
Power Factor (Fraction)	0.95
Connection	Screw connection block 5-pole
Cable	-
Number of products on MCB of 16 A type B	10
number of products on Med of 10 A type B	
Temperature	
Ambient temperature range	-40 to +35 ℃
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Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DynaDimmer
Control interface	-
Constant light output	No
Mechanical and Housing	
	Aluminum
Housing Material	Aluminum
Mechanical and Housing Housing Material Reflector material Ontic material	-
Housing Material Reflector material Optic material	- Acrylate
Housing Material Reflector material Optic material Optical cover material	- Acrylate Polycarbonate
Housing Material Reflector material Optic material Optical cover material Fixation material	- Acrylate Polycarbonate Steel
Housing Material Reflector material Optic material Optical cover material	- Acrylate Polycarbonate

Optical cover shape Optical cover finish Clear Overall height Overall diameter Effective projected area One All parts colored  Approval and Application Ingress protection code IP66 [Dust penetration-protected proof] Mech. impact protection code IK10 [20 J vandal-resistant] Surge Protection (Common/Differential) Luminaire surge protection level of differential mode and 6 kV comm 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 median useful life 100000 h  Lumen maintenance at median useful life* 93 100000 h  Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level  Driver product Data Order product Data	
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 proof]  Mech. impact protection code IK10 [20 J vandal-resistant]  Surge Protection (Common/Differential) Luminaire surge protection level of differential mode and 6 kV comm  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 100000 h  Lumen maintenance at median useful life* 93  100000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Maximum dim level 50%	
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Performance ambient temperature Tq 25 °C  Maximum dim level 50%  Product Data	
Maximum dim level 50%  Product Data	
Product Data	
Order product name BDP102 LED50/740 II DW PCC SI	
55. 152 E2559, 15 II BW 1 CC 51	_S-6
62P	
Full product name BDP102 LED50/740 II DW PCC SI	_S-6
62P	
<b>Full product code</b> 871829191021300	
<b>Order code</b> 910500991081	
<b>Material Nr. (12NC)</b> 910500991081	
Numerator - Quantity Per Pack 1	
<b>EAN/UPC - Product/Case</b> 8718291910213	
Numerator - Packs per outer box 1	
<b>EAN/UPC - Case</b> 8718291910213	

### **TownGuide Performer**

#### Dimensional drawing







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