PHILIPS Lighting



TownGuide Performer

BDP102 LED100/830 DW PCF SI CLO 62P

TOWNGUIDE PERF CLASSIC CONE, LED EconomyLine 10000 lm, Distribution wide, Polycarbonate bowl/cover frosted, Constant light output, Post-top for diameter 62 mm

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		Number of gear units	1 unit
Lamp family code	ECO100 [LED EconomyLine 10000 lm]	Driver included	Yes
Light source replaceable	Yes	Photocell	-

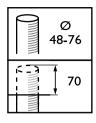
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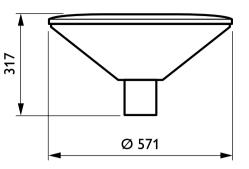
BDP102 [TOWNGUIDE PERF CLASSIC
CONE]
LED
Performance
Constant light output
Yes
5 years
-
ENEC mark
Temperature 650 °C, duration 5 s
No
0.4
4,428 lm
0°
-
3000 K
64 lm/W
80
6
830 warm white
Polycarbonate bowl/cover frosted
50° x 70°
Distribution wide
220 to 240 V
50 to 60 Hz
69 W
74 W
79 W
10 A
0.13 ms
79 W
0.99
Screw connection block 5-pole
-
B 22
B 22
B 22
-40 to +35 ℃
-40 to +35 °C
-40 to +35 °C No
-40 to +35 °C

Constant light output	Yes	
Mechanical and Housing	AL	
Housing Material	Aluminum	
Reflector material	-	
Optic material	Acrylate	
Optical cover material	Polycarbonate	
Fixation material	Steel	
Housing Color	Silver	
Mounting device	Post-top for diameter 62 mm	
Optical cover shape	Conical	
Optical cover finish	Frosted	
Overall height	317 mm	
Overall diameter	570 mm	
Effective projected area	0.088 m ²	
Parts color	All parts colored	
Assessment and Asset 11 - 11		
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 kV	
	differential mode and 6 kV common mode	
Protection class IEC	Safety class I	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-7%	
Initial chromaticity	(0.43, 0.40) SDCM <5	
Power consumption tolerance	+/-10%	
Init. Color Rendering Index Tolerance	+/-2	
	, -	
Over Time Performance (IEC Compl	ant)	
Driver failure rate at 5000 h	0.5 %	
Application Conditions		
Maximum dim level	Not applicable	
Product Data		
Order product name	BDP102 LED100/830 DW PCF SI CLO 62P	
Full product name	BDP102 LED100/830 DW PCF SI CLO 62P	
Full product code	871829191072500	
Order code	910500991133	
Material Nr. (12NC)	910500991133	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718291910725	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8718291910725	

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Dimensional drawing







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