



TownGuide Performer

BDP100 LED50/740 II DS PCF GR 62P

BDP100 | TOWNGUIDE PERF FLAT CONE - LED50 | LED module 5000 lm - 740 neutral white - Safety class II - Distribution symmetrical - Polycarbonate bowl/cover frosted - 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		Light source replaceable	Yes
Lamp family code	LED50 [LED module 5000 lm]	Number of gear units	1 unit

Datasheet, 2023, May 16 data subject to change

TownGuide Performer

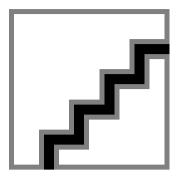
Driver included	Yes	
Light source engine type	LED	
Service tag	Yes	
Product family code	BDP100 [TOWNGUIDE PERF FLAT CONE]	
Lighting Technology	LED	
Value ladder	Performance	
Light Technical		
Upward light output ratio	3	
Luminous Flux	2,800 lumen	
Standard tilt angle posttop	O°	
Standard tilt angle side entry	-	
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	82 lm/W	
Color rendering index (CRI)	70	
Light source color	740 neutral white	
Optical cover/lens type	Polycarbonate bowl/cover frosted	
Luminaire light beam spread	75°	
Optic type outdoor	Distribution symmetrical	
Operating and Electrical		
Input Voltage	220-240 V	
Line Frequency	50 to 60 Hz	
Input Frequency	50 to 60 Hz	
Power Consumption	34 W	
Inrush current	45 A	
Inrush time	0.285 ms	
Power Factor (Fraction)	0.94	
Connection	Screw connection block 5-pole	
Cable	-	
Number of products on MCB of 16 A type B	10	
Temperature		
Ambient temperature range	-40 to +35 °C	
Controls and Dimming		
Dimmable	No	
Driver/power unit/transformer	Power supply unit regulating	
Control interface	-	
Constant light output	No	
Mechanical and Housing		
Housing Material	Aluminum	
Reflector material		
Optic material	Acrylate	
Optical cover/lens material	Polycarbonate	
Fixation material	Steel	
Housing Color	Gray	
	Post-top for diameter 62 mm	
Mounting device	1 631-10p for Giameter 62 IIIIII	

Outlied according about	Carriage
Optical cover/lens shape	Conical flat
Optical cover/lens finish	Frosted
Overall height	209 mm
Overall diameter	570 mm
Effective projected area	0.051 m²
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 mod
Sustainability rating	-
Protection class IEC	Safety class II
Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark
Warranty period	5 years
EU RoHS compliant	Yes
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 Complia	nt)
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*	93
100000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Product Data	971970100097900
Full product code	871829190982800
Order product name	BDP100 LED50/740 II DS PCF GR 62P
Order code	910925866286
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material number (12NC)	910925866286
Full product name	BDP100 LED50/740 II DS PCF GR 62P
EAN/UPC - Case	8718291909828



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Dimensional drawing





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