PHILIPS Lighting



TownGuide Performer

BDP100 LED70/740 II DS PCF GR 62P

BDP100 | TOWNGUIDE PERF FLAT CONE - LED70 | LED module 7000 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	LED70 [LED module 7000 lm]	Number of gear units	1 unit

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	3,780 lumen
Standard tilt angle posttop	0°
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	83 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
Operating	anu	Electrical

Input Voltage	220-240 V	
Line Frequency	50 to 60 Hz	
Input Frequency	50 to 60 Hz	
Power Consumption	45.5 W	
Inrush current	45 A	
Inrush time	0.285 ms	
Power Factor (Fraction)	0.96	
Connection	Screw connection block 5-pole	
Cable	-	
Number of products on MCB of 16 A type B	10	
A		

Temperature

Ambient temperature range

Controls and Dimming

No	
Power supply unit regulating	
-	
No	

-40 to +35 °C

Mechanical and Housing

Housing Material	Aluminum
Reflector material	-
Optic material	Acrylate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Housing Color	Gray
Mounting device	Post-top for diameter 62 mm

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 kV	
	differential mode and 6 kV common mode	
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

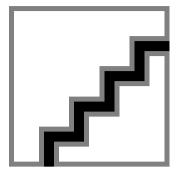
Over Time Performance (IEC Compliant)	
Driver failure rate at 5000 h	0.5 %
Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance at median useful life*	93
100000 h	

Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level Not applicable **Product Data** 871829190983500 Full product code BDP100 LED70/740 II DS PCF GR 62P Order product name Order code 910925866287 Numerator - Quantity Per Pack 1 1 Numerator - Packs per outer box 910925866287 Material number (12NC) Full product name BDP100 LED70/740 II DS PCF GR 62P EAN/UPC - Case 8718291909835



TownGuide Performer

Dimensional drawing





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