TownGuide Performer

BDP100 LED30/830 DS PCF GR 62P

BDP100 | TOWNGUIDE PERF FLAT CONE – LED30 | LED module 3000 lm – 830 warm white – Safety class I – 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 energy–reduction programs. This includes LumiStep, DynaDimmer, and LineSwitch stand–alone 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	LED30 [LED module 3000 lm]	Number of gear units	1 unit

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Driver included	Yes		**Optical cover/lens finish**	Frosted
Light source engine type	LED		**Overall height**	209 mm
Service tag	Yes		**Overall diameter**	570 mm
Product family code	BDP100 [TOWNGUIDE PERF FLAT CONE]		**Effective projected area**	0.051 m²
Lighting Technology	LED			
Value ladder	Performance			

Light Technical

Approval and Application

Upward light output ratio	3		**Ingress protection code**	IP66 [Dust penetration-protected, jet-proof]
Luminous Flux	1,710 lumen		**Mech. impact protection code**	IK10 [20 J vandal-resistant]
Standard tilt angle posttop	0°		**Surge Protection (Common/Differential)**	Luminaire surge protection level until 6 kV differential mode and 6 kV common mode
Standard tilt angle side entry	–			
Correlated Color Temperature (Nom)	3000 K			
Luminous Efficacy (rated) (Nom)	73 lm/W		**Sustainability rating**	–
Color rendering index (CRI)	80		**Protection class IEC**	Safety class I
Light source color	830 warm white		**Flammability mark**	–
Optical cover/lens type	Polycarbonate bowl/cover frosted		**CE mark**	Yes
Luminaire light beam spread	75°		**ENEC mark**	ENEC mark
Optic type outdoor	Distribution symmetrical		**Warranty period**	5 years
			EU RoHS compliant	Yes

Operating and Electrical

Initial Performance (IEC Compliant)

Input Voltage	220–240 V		**Luminous flux tolerance**	+/-7%
Line Frequency	50 to 60 Hz		**Initial chromaticity**	(0.43, 0.40) SDCM <5
Input Frequency	50 to 60 Hz		**Power consumption tolerance**	+/-10%
Power Consumption	23.5 W		**Init. Color Rendering Index Tolerance**	+/-2
Inrush current	22 A			
Inrush time	0.29 ms			
Power Factor (Fraction)	0.97		**Over Time Performance (IEC Compliant)**	
Connection	Screw connection block 5-pole		**Driver failure rate at 5000 h**	0.5 %
Cable	–		**Control gear failure rate at median useful life 100000 h**	10 %
Number of products on MCB of 16 A type B	20		**Lumen maintenance at median useful life* 100000 h**	96

Temperature

Application Conditions

Ambient temperature range	–40 to +35 °C		**Performance ambient temperature Tq**	25 °C
			Maximum dim level	Not applicable

Controls and Dimming

Product Data

Dimmable	No		**Full product code**	871829191045900
Driver/power unit/transformer	Power supply unit regulating		**Order product name**	BDP100 LED30/830 DS PCF GR 62P
Control interface	–		**Order code**	910925866299
Constant light output	No		**Numerator – Quantity Per Pack**	1
			Numerator – Packs per outer box	1

Mechanical and Housing

Housing Material	Aluminum		**Material number (12NC)**	910925866299
Reflector material	–		**Full product name**	BDP100 LED30/830 DS PCF GR 62P
Optic material	Acrylate		**EAN/UPC – Case**	8718291910459
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			

IP 66 ▪ ⏚

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Dimensional drawing

www.lighting.philips.com

2023, May 16 – data subject to change