TownGuide Core

BDP001 ECO60/740 DS PCF GR 76P

TOWNGUIDE CORE FLAT CONE, LED EconomyLine 6000 lm, Distribution symmetrical, Polycarbonate bowl/cover frosted, Post-top for diameter 76 mm

The TownGuide Core family consists of two recognizable yet modern shapes: Flat Cone and Bowl. Both are available with either a clear or frosted bowl. Offering an extensive range of lumen packages and a choice of color temperatures, as well as a long lifetime and comparatively low power consumption, TownGuide Core is a choice that is easily made. TownGuide Core offers quick and easy installation. Thanks to the bayonet whistle connector located in the spigot, the luminaire does not have to be opened at all, saving valuable labor time. In the development of TownGuide Core, Philips has made every effort to ensure the investment required is as low as possible. And as TownGuide Core is a dedicated LED luminaire, the energy cost savings compared to conventional lighting are significant, making it a natural choice to replace HPL lamps, which are banned from 2015 onwards.

Product data

General Information

Lamp family code	ECO60 [LED EconomyLine 6000 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Photocell	–
Remarks	*–Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires – January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example

	B10. Therefore, the median useful life (B50) value also represents the B10 value.
Light source engine type	LED
Product family code	BDP001 [TOWNGUIDE CORE FLAT CONE]
Lighting Technology	LED
Embedded control	–
CE mark	Yes
Warranty period	3 years
Flammability mark	–
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s

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EU RoHS compliant	No		**Mounting device**	Post-top for diameter 76 mm
			Optical cover shape	Conical flat
Light Technical			**Optical cover finish**	Frosted
Upward light output ratio	0.4		**Overall height**	209 mm
Luminous Flux	3,626 lm		**Overall diameter**	570 mm
Standard tilt angle posttop	0°		**Effective projected area**	0.051 m²
Standard tilt angle side entry	–		**Parts color**	Spigot raw
Correlated Color Temperature (Nom)	4000 K			
Luminous Efficacy (rated) (Nom)	70 lm/W		**Approval and Application**	
Color rendering index (CRI)	80		**Ingress protection code**	IP66 [Dust penetration-protected, jet-proof]
Number of light sources	4		**Mech. impact protection code**	IK10 [20 J vandal-resistant]
Light source color	840 neutral white		**Surge Protection (Common/Differential)**	Luminaire surge protection level until 4 kV
Optical cover type	Polycarbonate bowl/cover frosted			differential mode and 4 kV common mode
Luminaire light beam spread	75°		**Protection class IEC**	Safety class I
Optic type outdoor	Distribution symmetrical			
			Initial Performance (IEC Compliant)	
Operating and Electrical			**Luminous flux tolerance**	+/-7%
Input Voltage	220 to 240 V		**Initial chromaticity**	(0.38, 0.38) SDCM <5
Line Frequency	50 to 60 Hz		**Power consumption tolerance**	+/-10%
Inrush current	70 A		**Init. Color Rendering Index Tolerance**	+/-2
Inrush time	0.120 ms			
Power Consumption	47.9 W		**Over Time Performance (IEC Compliant)**	
Power Factor (Fraction)	0.97		**Control gear failure rate at median useful life 75000 h**	7.5 %
Connection	Screw connection block 3-pole			
Cable	–		**Lumen maintenance at median useful life* 75000 h**	L80
Number of products on MCB of 16 A type B	16			
			Application Conditions	
Temperature			**Performance ambient temperature Tq**	25 ℃
Ambient temperature range	–20 to +35 ℃		**Maximum dim level**	Not applicable
Controls and Dimming			**Product Data**	
Dimmable	No		**Order product name**	BDP001 ECO60/740 DS PCF GR 76P
Driver/power unit/transformer	Power supply unit (On/Off)		**Full product name**	BDP001 ECO60/740 DS PCF GR 76P
Control interface	–		**Full product code**	871829190602500
Constant light output	No		**Order code**	910500991003
			Material Nr. (12NC)	910500991003
Mechanical and Housing			**Numerator – Quantity Per Pack**	1
Housing Material	Aluminum		**EAN/UPC – Product/Case**	8718291906025
Reflector material	–		**Numerator – Packs per outer box**	1
Optic material	Acrylate		**EAN/UPC – Case**	8718291906025
Optical cover material	Polycarbonate			
Fixation material	Steel			
Housing Color	Grey			

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Dimensional drawing