



# **TownGuide Core**

## BDP001 EC050/740 II DS PCC GR 62P

TOWNGUIDE CORE FLAT CONE, LED EconomyLine 5000 lm, Distribution symmetrical, Polycarbonate bowl/cover clear, Posttop for diameter 62 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	ECO50 [LED EconomyLine 5000 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

Datasheet, 2023, April 29 data subject to change

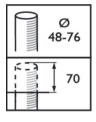
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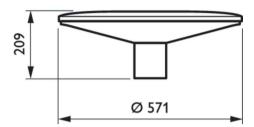
EU RoHS compliant	No
Light Technical	
Upward light output ratio	0.4
Luminous Flux	4,298 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	100 lm/W
Color rendering index (CRI)	80
Number of light sources	4
Light source color	840 neutral white
Optical cover type	Polycarbonate bowl/cover clear
Luminaire light beam spread	75°
Optic type outdoor	Distribution symmetrical
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	70 A
Inrush time	0.120 ms
Power Consumption	39.2 W
Power Factor (Fraction)	0.95
Connection	Screw connection block 3-pole
Cable	-
Number of products on MCB of 16 A type	16
В	
Temperature	
Ambient temperature range	-20 to +35 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No
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Mechanical and Housing	
Housing Material	Aluminum
Reflector material	-
Optic material	Acrylate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	Grey
Housing Color	Oicy .

Mounting device	Post-top for diameter 62 mm
Optical cover shape	Conical flat
Optical cover finish	Clear
Overall height	209 mm
Overall diameter	570 mm
Effective projected area	0.051 m²
Parts color	Spigot raw
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 4 kV
	differential mode and 4 kV common mode
Protection class IEC	Safety class II
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 Compli	ant)
Control gear failure rate at median useful	7.5 %
life 75000 h	
Lumen maintenance at median useful	L80
life* 75000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Performance ambient temperature Tq  Maximum dim level	25 °C Not applicable
	Not applicable
Maximum dim level	
Maximum dim level  Product Data	Not applicable
Product Data Order product name	Not applicable  BDP001 ECO50/740 II DS PCC GR 62P
Product Data Order product name Full product name	Not applicable  BDP001 ECO50/740 II DS PCC GR 62P  BDP001 ECO50/740 II DS PCC GR 62P
Product Data Order product name Full product code	Not applicable  BDP001 EC050/740 II DS PCC GR 62P  BDP001 EC050/740 II DS PCC GR 62P  871829190979800
Product Data Order product name Full product code Order code	Not applicable  BDP001 EC050/740 II DS PCC GR 62P  BDP001 EC050/740 II DS PCC GR 62P  871829190979800  910500991039
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Maximum dim level  Product Data  Order product name  Full product name  Full product code  Order code  Material Nr. (12NC)  Numerator - Quantity Per Pack  EAN/UPC - Product/Case	Not applicable  BDP001 ECO50/740 II DS PCC GR 62P  BDP001 ECO50/740 II DS PCC GR 62P  871829190979800  910500991039  910500991039  1  8718291909798

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#### Dimensional drawing







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