



TownGuide Core

BDP001 ECO40/830 II DW PCC GR 62P

TOWNGUIDE CORE FLAT CONE, LED EconomyLine 4000 lm, Distribution wide, Polycarbonate bowl/cover clear, Post-top 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	ECO40 [LED EconomyLine 4000 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, October 9 data subject to change

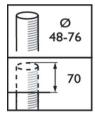
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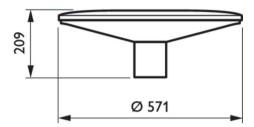
EU RoHS compliant	No	Mounting device	I
		Optical cover shape	(
Light Technical		Optical cover finish	(
Upward light output ratio	0.4	Overall height	2
Luminous Flux	2,930 lm	Overall diameter	!
Standard tilt angle posttop	O°	Effective projected area	-
Standard tilt angle side entry	-	Parts color	:
Correlated Color Temperature (Nom)	3000 K		
Luminous Efficacy (rated) (Nom)	75 lm/W	Approval and Application	
Color rendering index (CRI)	80	Ingress protection code	
Number of light sources	2	Mech. impact protection code	-
Light source color	830 warm white	Surge Protection (Common/Differential)	
Optical cover type	Polycarbonate bowl/cover clear	_	
Luminaire light beam spread	50° x 70°	Protection class IEC	-
Optic type outdoor	Distribution wide		
		Initial Performance (IEC Compliant)	
Operating and Electrical		Luminous flux tolerance	_
Input Voltage	220 to 240 V	Initial chromaticity	(
Line Frequency	50 to 60 Hz	Power consumption tolerance	-
Inrush current	70 A	Init. Color Rendering Index Tolerance	_
Inrush time	0.120 ms		
Power Consumption	37 W	Over Time Performance (IEC Compl	ia
Power Factor (Fraction)	0.95	Control gear failure rate at median useful	-
Connection	Screw connection block 3-pole	life 75000 h	
Cable	-	Lumen maintenance at median useful	-
Number of products on MCB of 16 A type	16	life* 75000 h	
В			
		Application Conditions	_
Temperature		Performance ambient temperature Tq	-:
Ambient temperature range	-20 to +35 ℃	Maximum dim level	
		_	_
Controls and Dimming		Product Data	_
Dimmable	No	Order product name	
Driver/power unit/transformer	Power supply unit (On/Off)	Full product name	
Control interface	-	Full product code	- ;
Constant light output	No	Order code	- 9
		Material Nr. (12NC)	-
Mechanical and Housing		Numerator - Quantity Per Pack	-
Housing Material	Aluminum	EAN/UPC - Product/Case	- 1
Reflector material		Numerator - Packs per outer box	-
Optic material	Acrylate	EAN/UPC - Case	- 1
Optical cover material	Polycarbonate		_
Fixation material	Steel	_	
· macron material	5.00.		

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 m ²
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	(0.43, 0.40) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Compli	iant)
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 ℃
Maximum dim level	Not applicable
Product Data	
Order product name	BDP001 ECO40/830 II DW PCC GR 62P
Full product name	BDP001 ECO40/830 II DW PCC GR 62P
Full product code	871829190601800
Order code	910500991002
Material Nr. (12NC)	910500991002
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291906018
Numerator - Packs per outer box	8718291906018 1

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Dimensional drawing







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