



TownGuide Core

BDP001 EC030/830 DS PCF GR 62P

TOWNGUIDE CORE FLAT CONE, LED EconomyLine 3000 lm, Distribution symmetrical, Polycarbonate bowl/cover frosted, 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	ECO30 [LED EconomyLine 3000 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

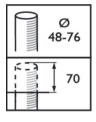
TownGuide Core

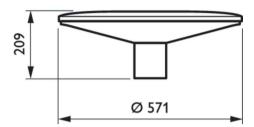
EU RoHS compliant	No	Mounting device
		Optical cover shape
Light Technical		Optical cover finish
Upward light output ratio	0.4	Overall height
Luminous Flux	2,388 lm	Overall diameter
Standard tilt angle posttop	O°	Effective projected area
Standard tilt angle side entry	-	Parts color
Correlated Color Temperature (Nom)	3000 K	
Luminous Efficacy (rated) (Nom)	82 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 frosted	
Luminaire light beam spread	75°	Protection class IEC
Optic type outdoor	Distribution symmetrical	
		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	26.9 W	Over Time Performance (IEC Comp
Power Factor (Fraction)	0.91	Control gear failure rate at median usefu
Connection	Screw connection block 3-pole	life 75000 h
Cable	-	Lumen maintenance at median useful life
Number of products on MCB of 16 A type	16	75000 h
В		
		Application Conditions
Temperature		Performance ambient temperature Tq
Ambient temperature range	-20 to +35 °C	Maximum dim level
		<u> </u>
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
		Material Nr. (12NC)
Mechanical and Housing		Numerator - Quantity Per Pack
Housing Material	Aluminum	EAN/UPC - Product/Case
Reflector material	-	Numerator - Packs per outer box
Optic material	Acrylate	EAN/UPC - Case
Optical cover material	Polycarbonate	
Fixation material	Steel	
Housing Color		<u> </u>

Mounting device	Post-top for diameter 62 mm
Optical cover shape	Conical flat
Optical cover finish	Frosted
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 I
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 Complia	ant)
Control gear failure rate at median useful	7.5 %
life 75000 h	
Lumen maintenance at median useful life*	L80
75000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Product Data	
Order product name	BDP001 ECO30/830 DS PCF GR 62P
Full product name	BDP001 ECO30/830 DS PCF GR 62P
Full product code	871829191045900
Order code	91045900
Material Nr. (12NC)	910500991106
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291910459
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291910459

TownGuide Core

Dimensional drawing







© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.