



TownGuide Core

BDP001 ECO40/740 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 base		
	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	

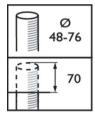
Datasheet, 2023, October 9 data subject to change

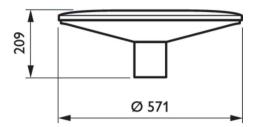
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Standard tilt angle posttop 0° Standard tilt angle side entry - Correlated Color Temperature (Nom) 400	12 lm	Mounting device Optical cover shape Optical cover finish Overall height	Post-top for diameter 62 mm Conical flat Clear
Upward light output ratio 0.4 Luminous Flux 3,142 Standard tilt angle posttop 0° Standard tilt angle side entry - Correlated Color Temperature (Nom) 400		Optical cover finish	Clear
Upward light output ratio 0.4 Luminous Flux 3,142 Standard tilt angle posttop 0° Standard tilt angle side entry - Correlated Color Temperature (Nom) 400			
Luminous Flux 3,142 Standard tilt angle posttop 0° Standard tilt angle side entry - Correlated Color Temperature (Nom) 400		Overall height	
Standard tilt angle posttop 0° Standard tilt angle side entry - Correlated Color Temperature (Nom) 400	12 lm		209 mm
Standard tilt angle side entry Correlated Color Temperature (Nom) 400		Overall diameter	570 mm
Correlated Color Temperature (Nom) 400		Effective projected area	0.051 m²
		Parts color	Spigot raw
Luminous Efficacy (rated) (Nom) 81 ln	00 K		
	m/W	Approval and Application	
Color rendering index (CRI) 80		Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Number of light sources 2		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 Poly	ycarbonate bowl/cover clear		differential mode and 4 kV common mode
Luminaire light beam spread 50° x	x 70°	Protection class IEC	Safety class II
Optic type outdoor Distr	tribution wide		
		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	to 60 Hz	Power consumption tolerance	+/-10%
Inrush current 70 A	A	Init. Color Rendering Index Tolerance	+/-2
Inrush time 0.120	20 ms		
Power Consumption 37 W	W	Over Time Performance (IEC Compli	ant)
Power Factor (Fraction) 0.95	5	Control gear failure rate at median useful	7.5 %
Connection Scree	ew connection block 3-pole	life 75000 h	
Cable -		Lumen maintenance at median useful	L80
Number of products on MCB of 16 A type 16		life* 75000 h	
В			
		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 ECO40/740 II DW PCC GR 62P
Driver/power unit/transformer Pow	wer supply unit (On/Off)	Full product name	BDP001 ECO40/740 II DW PCC GR 62P
Control interface -		Full product code	871829190972900
Constant light output No		Order code	910500991032
		Material Nr. (12NC)	910500991032
Mechanical and Housing		Numerator - Quantity Per Pack	1
	minum	EAN/UPC - Product/Case	8718291909729
Reflector material -		Numerator - Packs per outer box	1
	ylate	EAN/UPC - Case	8718291909729
	ycarbonate		
Fixation material Stee	<u>-</u>		

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Dimensional drawing







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