



TownGuide Core

BDP001 ECO20/830 DS PCF GR 62P

TOWNGUIDE CORE FLAT CONE, LED EconomyLine 2000 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	ECO20 [LED EconomyLine 2000 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	

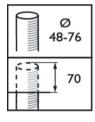
Datasheet, 2023, October 9 data subject to change

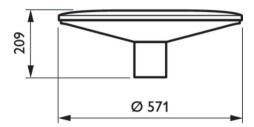
TownGuide Core

No	Mounting dovice	Post-top for diameter 62 mm
NO		
	· · · · · · · · · · · · · · · · · · ·	Conical flat
	- <u>-</u> -	Frosted
		209 mm
		570 mm
0°	Effective projected area	0.051 m²
	Parts color	Spigot raw
3000 K		
60 lm/W	Approval and Application	
80	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
2	Mech. impact protection code	IK10 [20 J vandal-resistant]
830 warm white	Surge Protection (Common/Differential)	Luminaire surge protection level until 4 kV
Polycarbonate bowl/cover frosted		differential mode and 4 kV common mode
75°	Protection class IEC	Safety class I
Distribution symmetrical		
	Initial Performance (IEC Compliant)	
	Luminous flux tolerance	+/-7%
220 to 240 V	Initial chromaticity	(0.43, 0.40) SDCM <5
50 to 60 Hz	Power consumption tolerance	+/-10%
70 A	Init. Color Rendering Index Tolerance	+/-2
0.120 ms		
21.5 W	Over Time Performance (IEC Compli	ant)
0.88	Control gear failure rate at median useful	7.5 %
Screw connection block 3-pole	life 75000 h	
-	Lumen maintenance at median useful life*	L80
16	75000 h	
	Application Conditions	
	Performance ambient temperature Tq	25 ℃
-20 to +35 °C	Maximum dim level	Not applicable
	Product Data	
No	Order product name	BDP001 ECO20/830 DS PCF GR 62P
Power supply unit (On/Off)	Full product name	BDP001 ECO20/830 DS PCF GR 62P
-	Full product code	871829191044200
No	Order code	910500991105
_	Material Nr. (12NC)	910500991105
	Numerator - Quantity Per Pack	1
Aluminum	EAN/UPC - Product/Case	8718291910442
-	Numerator - Packs per outer box	1
	EAN/UPC - Case	8718291910442
Acrylate	EAN/UPC - Case	8718291910442
	EAN/UPC - Case	8718291910442
	80 2 830 warm white Polycarbonate bowl/cover frosted 75° Distribution symmetrical 220 to 240 V 50 to 60 Hz 70 A 0.120 ms 21.5 W 0.88 Screw connection block 3-pole - 16 -20 to +35 °C No Power supply unit (On/Off) - No	Optical cover shape Optical cover finish Overall height Overall height Overall diameter Effective projected area Parts color Overall diameter Effective projected area Parts color Approval and Application Ingress protection code 830 Warm white Polycarbonate bowl/cover frosted 75° Protection class IEC Initial Performance (IEC Compliant) Luminous flux tolerance Initial chromaticity Power consumption tolerance Init. Color Rendering Index Tolerance Init. Color Rendering Index Tolerance Ilife 75000 h Application Conditions Performance at median useful life 75000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Power supply unit (On/Off) Full product code No Order code Material Nr. (IZNC) Numerator - Quantity Per Pack

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Dimensional drawing







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