TownGuide Core

BDP001 ECO30/830 DS PCF GR 62P

BDP001 - 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

Product Family Code	BDP001 [BDP001]
Number of light sources	2 [2 pcs]
Lamp family code	ECO30 [LED EconomyLine 3000 lm]
Light source color	830 warm white
Light source replaceable	Yes
Driver/power unit/transformer	PSU [Power supply unit]
Driver included	Yes
Optical cover/lens type	PCF [Polycarbonate bowl/cover frosted]
Embedded control	No [-]
Light regulation	-
Connection	SI [Screw connection block]
Protection class IEC	Safety class I (I)
Parts color	Spigot raw
Coating	-

Glow-wire test	650/5 [Temperature 650 °C, duration 5 s]
Safety device	PCBC [PCB cover]
CE mark	CE mark
ENEC mark	ENEC mark
Optic type outdoor	DS [Distribution symmetrical]
Photocell	No [-]
Constant light output	No
Initial input power	29 W

• Operating and Electrical

Input Voltage	220 to 240 V
Input Frequency	50-60 Hz
Inrush current	70 A
Inrush time	120 ms

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- **Temperature**

Average ambient temperature	+35 °C

- **Controls and Dimming**

Dimmable	No

- **Mechanical and Housing**

Housing Material	Aluminum
Optic material	Acrylate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Mounting device	62P [Post-top for diameter 62 mm]
Torque	15

- **Approval and Application**

Ingress protection code	66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK10 [20 J vandal-resistant]

- **Initial Performance (IEC Compliant)**

Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	$>$80

Initial chromaticy	(0.43, 0.40) SDCM $<$5

- **Over Time Performance (IEC Compliant)**

Driver failure rate at 5000 h	0.05 %
Useful life L80B10	70000 h

- **Application Conditions**

Ambient temperature range	-20 to +35 °C

- **Product Data**

Full product code	871829191045900
Order product name	BDP001 ECO30/830 DS PCF GR 62P
EAN/UPC - Product	8718291910459
Order code	910500991106
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910500991106
Net Weight (Piece)	6.100 kg
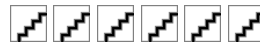
Dimensional drawing
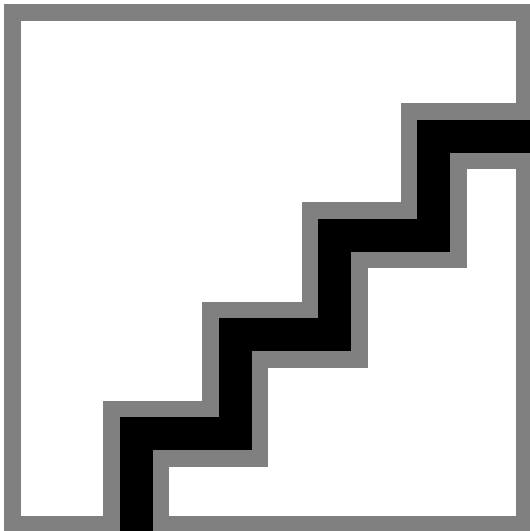
www.philips.com/lighting

2015, December 23
data subject to change