TownGuide Core

BDP001 ECO70/830 II DS PCF GR 62P

BDP001 - LED EconomyLine 7000 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

Number of light sources	4 pcs
Lamp family code	LED EconomyLine 7000 lm
Light source color	830 warm white
Light source replaceable	Yes
Driver/power unit/ transformer	Power supply unit
Driver included	Yes
Optical cover/lens type	Polycarbonate bowl/cover frosted
Embedded control	-
Light regulation	-
Connection	Screw connection block
Protection class IEC	Safety class II
Parts color	Spigot raw
Coating	-
Glow-wire test	Temperature 650 °C, duration 5 s

Safety device	PCBC [PCB cover]
CE mark	CE mark
ENEC mark	ENEC mark
Optic type outdoor	Distribution symmetrical
Photocell	-
Constant light output	No
Product family code	BDP001 [BDP001]

• Operating and Electrical

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

• Controls and Dimming

Dimmable	No

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• Mechanical and Housing

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

• Approval and Application

Ingress protection code	IP66 [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
Initial input power	64 W

• 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	871829190995800
Order product name	BDP001 ECO70/830 II DS PCF GR 62P
EAN/UPC - Product	8718291909958
Order code	910500991055
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910500991055
Net Weight (Piece)	6.400 kg
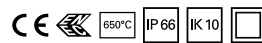
CE ⧸⧸⧸ 650°C IP66 IK10 ☐

Dimensional drawing
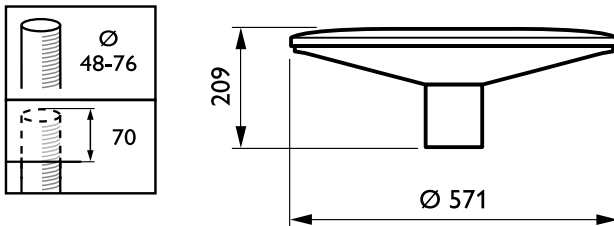
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