TownGuide Core

BDP002 ECO20-/830 DS PCF GR 62P

BDP002 - 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

Product family code	BDP002 [BDP002]
Number of light sources	2 [2 pcs]
Lamp family code	ECO20 [LED EconomyLine 2000 lm]
Light source color	830 [830 warm white]
Light source replace-able	true [Yes]
Driver/power unit/transformer	PSU [Power supply unit]
Driver included	true [Yes]
Protection class IEC	I [Safety class I]
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protec-tion code	IK10 [20 J vandal-resistant]
Optic type	DS [Distribution symmetrical]
Optical cover/lens type	PCF [Polycarbonate bowl/cover frosted]
Parts color	RS [Spigot raw]
Color	GR [Gray]
Coating	No [-]
Embedded control	No [-]
Dimmable	No [No]
Light regulation	No [-]
Photocell	No [-]
Surge protection	No [Basic surge protection level until 4 kV]
Connection	SI [Screw connection block]
Glow-wire test	650/5 [Temperature 650 °C, duration 5 s]
CE mark	CE [CE mark]

ENEC mark	ENEC [ENEC mark]
Safety device	PCBC [PCB cover]
Constant light output	No [No]

• Electrical

Input voltage	220-240 V [220 to 240 V]
Input frequency	50-60 Hz [50 to 60 Hz]

• Mechanical

Mounting device	62P [Post-top for diameter 62 mm]
Housing material	ALU [Aluminum]
Optic material	AC [Acrylate]
Optical cover/lens material	PC [Polycarbonate]

• Initial perform. (IEC compliant)

Initial input power	19 W [19 W]
Init. Corr. Color Temperature	3000 [3000 K]
Init. Color Rendering Index	>80 [>80]
Initial chromaticy	(0.43, 0.40) SDCM <5

• Over time perform. (IEC compliant)

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

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• **Application conditions**

Average ambient temperature	T35 [+35 °C]
Ambient temperature range	-20 to +35°C [-20 to +35 °C]

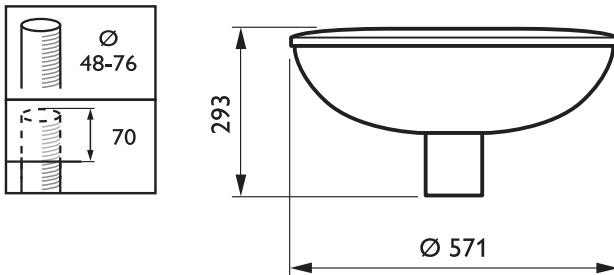• **Product Data**

Order code	910500991108
Full product code	910500991108
Full product name	BDP002 ECO20-/830 DS PCF GR 62P
Order product name	BDP002 ECO20-/830 DS PCF GR 62P

Pieces per pack	0
Packs per outerbox	1
Bar code on outerbox - EAN3	8718291910473
Logistic code(s) - 12NC	910500991108
Net weight per piece	6.470 kg

IP 66 IK 10 650°C 5s CE

Dimensional drawing

BDP002 ECO20-/830 DS PCF GR 62P

www.philips.com/lighting

2015, October 5
data subject to change