TownGuide Core

BDP001 ECO70-/840 II DS PCC GR 62P

BDP001 - LED EconomyLine 7000 lm - Distribution symmetrical - 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

Product family code	BDP001 [BDP001]
Number of light sources	4 [4 pcs]
Lamp family code	ECO70 [LED EconomyLine 7000 lm]
Light source color	840 [840 neutral white]
Light source replaceable	true [Yes]
Driver/power unit/transformer	PSU [Power supply unit]
Driver included	true [Yes]
Protection class IEC	II [Safety class II]
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK10 [20 J vandal-resistant]
Optic type	DS [Distribution symmetrical]
Optical cover/lens type	PCC [Polycarbonate bowl/cover clear]
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	59 W [59 W]
Initial luminous flux	5676 Lm
Initial LED luminaire efficacy	96 Lm/W
Init. Corr. Color Temperature	4000 [4000 K]
Init. Color Rendering Index	>80 [>80]
Initial chromaticy	(0.38, 0.38) SDCM <5

• Over time perform. (IEC compliant)

Useful life L80B10	70000 hr

PHILIPS

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Driver failure rate at 5000 h	0.05 %	Order product name	BDP001 ECO70-/840 II DS PCC GR 62P
		Pieces per pack	0
• Application conditions		Packs per outerbox	1
Average ambient temperature	T35 [+35 °C]	Bar code on outerbox - EAN3	8718291909804
Ambient temperature range	-20 to +35°C [-20 to +35 °C]	Logistic code(s) - 12NC	910500991040
		Net weight per piece	6.400 kg
• Product Data			
Order code	910500991040		
Full product code	910500991040		
Full product name	BDP001 ECO70-/840 II DS PCC GR 62P		

IP 66 IK 10 650°C 5s CE
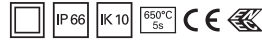
Dimensional drawing
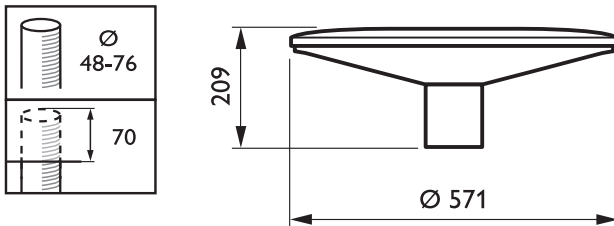
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www.philips.com/lighting

2015, October 5
data subject to change