



UVB PL-L/PL-S - Efficient & compact UVB NB lamps

UV-B Narrowband PL-L/PL-S

Philips offers highly reliable PL-L & PL-S lamps with narrow waveband of between 305 and 315 nm which peaks at 311 nm. This makes these lamps suitable for various applications such as phototherapy, agriculture & curing.

Benefits

- High efficiency - generating high UVB narrowband power in relation to incoming power
- Shorter period of exposure and less erythema radiation than conventional UVB lamps

Features

- Emission peak at 311 nm
- Narrowband
- Special developed phosphor and glass

Application

- Agriculture
- Phototherapy
- Curing

Warnings and Safety

- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.
- Photobiological safety – IEC 62471 - Risk Group 3. WARNING - UV emitted from these products.

UV-B Narrowband PL-L/PL-S

Versions

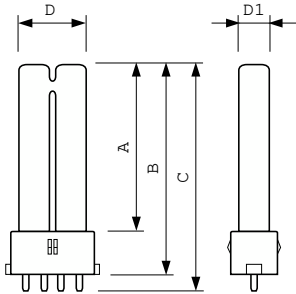


LPPR PLS4PLM 9W

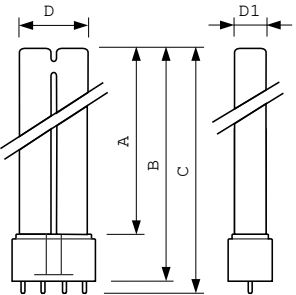


XPPR XUVBPLS 0001

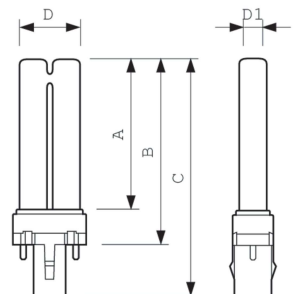
Dimensional drawing



Product	D1 (max)	D (max)	A (max)	B (max)	C (max)
PL-S 8W/01/4P 1CT/6X10BOX	13 mm	28 mm	128 mm	145 mm	151.1 mm



Product	D1 (max)	D (max)	A (max)	B (max)	C (max)
PL-L 36W/01/4P 1CT/25	18 mm	39 mm	384.2 mm	410 mm	416.6 mm
PL-L 36W/01/4P 1CT/25	18 mm	39 mm	384.2 mm	410 mm	416.6 mm



Product	D1 (max)	D (max)	A (max)	B (max)	C (max)
PL-S 9W/01/2P 1CT/6X10BOX	13 mm	28 mm	129 mm	144.5 mm	167 mm

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Light Technical

Color Code	01
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General Information

Order Code	Full Product Name	Cap-Base
927912900121	PL-S 8W/01/4P 1CT/6X10BOX	2G7
927903400121	PL-L 36W/01/4P 1CT/25	2G11

Order Code	Full Product Name	Cap-Base
927903400151	PL-L 36W/01/4P 1CT/25	2G11
927901700121	PL-S 9W/01/2P 1CT/6X10BOX	G23

Light Technical

Order Code	Full Product Name	Color Designation
927912900121	PL-S 8W/01/4P 1CT/6X10BOX	Ultra Violet B
927903400121	PL-L 36W/01/4P 1CT/25	-

Order Code	Full Product Name	Color Designation
927903400151	PL-L 36W/01/4P 1CT/25	-
927901700121	PL-S 9W/01/2P 1CT/6X10BOX	Ultra Violet B

Operating and Electrical

Order Code	Full Product Name	Lamp		
		Current (Nom)	Voltage (Nom)	Power Consumption
927912900121	PL-S 8W/01/4P 1CT/6X10BOX	0.165 A	51 V	8.0 W
927903400121	PL-L 36W/01/4P 1CT/25	0.435 A	105 V	36 W

Order Code	Full Product Name	Lamp		
		Current (Nom)	Voltage (Nom)	Power Consumption
927903400151	PL-L 36W/01/4P 1CT/25	0.435 A	105 V	36 W
927901700121	PL-S 9W/01/2P 1CT/6X10BOX	0.17 A	60 V	8.6 W

Controls and Dimming

Order Code	Full Product Name	Dimmable
927912900121	PL-S 8W/01/4P 1CT/6X10BOX	No
927903400121	PL-L 36W/01/4P 1CT/25	-

Order Code	Full Product Name	Dimmable
927903400151	PL-L 36W/01/4P 1CT/25	-
927901700121	PL-S 9W/01/2P 1CT/6X10BOX	-

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
927912900121	PL-S 8W/01/4P 1CT/6X10BOX	2XT12
927903400121	PL-L 36W/01/4P 1CT/25	2xT16

Order Code	Full Product Name	Bulb Shape
927903400151	PL-L 36W/01/4P 1CT/25	2xT16
927901700121	PL-S 9W/01/2P 1CT/6X10BOX	2XT12

Approval and Application

Order Code	Full Product Name	Mercury (Hg)	Mercury (Hg)
		Content (Max)	Content (Nom)
927912900121	PL-S 8W/01/4P 1CT/6X10BOX	3.2 mg	3.0 mg
927903400121	PL-L 36W/01/4P 1CT/25	-	4.4 mg

Order Code	Full Product Name	Mercury (Hg)	Mercury (Hg)
		Content (Max)	Content (Nom)
927903400151	PL-L 36W/01/4P 1CT/25	-	4.4 mg
927901700121	PL-S 9W/01/2P 1CT/6X10BOX	-	3.0 mg

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