



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.

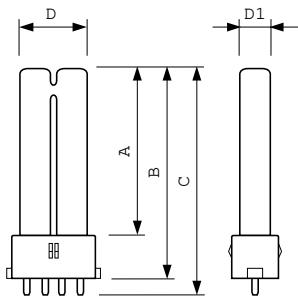
UV-B Narrowband PL-L/PL-S

Versions

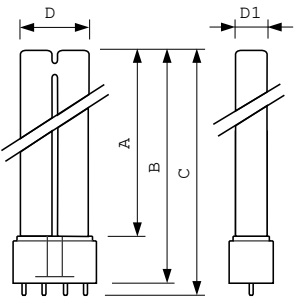


LPPR PLS4PLM 9W

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

Light Technical	
Color Code	01

General Information

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

Order Code	Full Product Name	Cap-Base
927903400151	PL-L 36W/01/4P 1CT/25	2G11

Light Technical

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

UV-B Narrowband PL-L/PL-S

Order Code	Full Product Name	Color Designation
927903400151	PL-L 36W/01/4P 1CT/25	-

Operating and Electrical

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

Order Code	Full Product Name	Lamp	Voltage (Nom)	Power Consumption
		Current (Nom)		
927903400151	PL-L 36W/01/4P 1CT/25	0.435 A	105 V	36 W

Controls and Dimming

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

Order Code	Full Product Name	Dimmable
927903400151	PL-L 36W/01/4P 1CT/25	-

Mechanical and Housing

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

Order Code	Full Product Name	Bulb Shape
927903400151	PL-L 36W/01/4P 1CT/25	2xT16

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

Order Code	Full Product Name	Mercury (Hg)	Mercury (Hg)
		Content (Max)	Content (Nom)
927903400151	PL-L 36W/01/4P 1CT/25	-	4.4 mg

