PHILIPS Lighting



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 erythemal radiation than conventional UVB lamps

Features

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

Application

- Agriculture
- \cdot 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

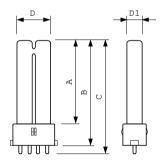


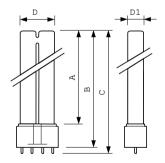


LPPR PLS4PLM 9W

XPPR XUVBPLS 0001

Dimensional drawing





Product D1 (max) D (max) A (max) B (max) C (max) PL-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

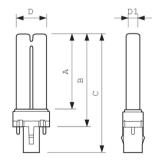
13 mm

D1 (max) D (max) A (max) B (max) C (max)

128 mm 145 mm 151.1 mm

28 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



Product

PL-S 8W/01/4P 1CT/6X10BOX

UV-B Narrowband PL-L/PL-S

Light Technical	
Color Code	01

General Information

Order Code	Full Product Name	Cap-Base	Order Code	Full Product Name	Cap-Base
927912900121	PL-S 8W/01/4P 1CT/6X10BOX	2G7	927903400151	PL-L 36W/01/4P 1CT/25	2G11
927903400121	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

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

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

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

UV-B Narrowband PL-L/PL-S



© 2024 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. All trademarks are owned by Signify Holding or their respective owners.

www.lighting.philips.com 2024, August 30 - data subject to change