



UVB Narrowband PL-L/PL-S – most effective phototherapy lamp plus design freedom

UV-B Narrowband PL-L/PL-S

More than 400 independent clinical studies have proven that the UVB Narrowband treatment is safer and more effective than any other treatment in its class. Lamps installed in such phototherapy treatment systems emit only a very narrow waveband from the 'B' bandwidth of the UV spectrum (290 to 315). Philips offers lamps with narrow waveband of between 305 and 315 nm which peaks at 311 nm. This makes these lamps very suitable for UV-B Narrowband phototherapy systems which treat skin diseases such as psoriasis and vitiligo. The PL-L/PL-S versions provide additional design freedom since these are space-saving compact, single-ended lamps. Further flexibility is assured since these lamps use the same lamp caps as general lighting lamps and also use the same universal ballasts. N.B.: Our UVB lamps are NOT registered with FDA as medical devices as they are NOT packaged or labeled for commercial distribution for health-related purposes. US customers are referred to the UVB and UVA lamp range brochure US version.

Benefits

- Minimum side effects like redness, itching and burns
- Shorter period of exposure and less erythema radiation than conventional UVB lamps
- Optimal therapeutic effect with minimum side effects
- Proven to be most effective on the skin

UV-B Narrowband PL-L/PL-S

Features

- Emission peak at 311 nm
- Narrowband
- Special developed phosphor and glass
- World wide tested in more than 400 clinical tests

Application

- Psoriasis, Vitiligo

Versions



PL-S

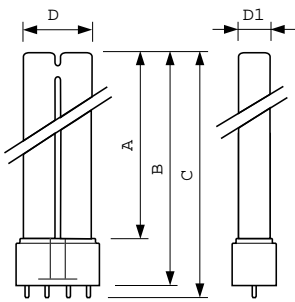


PL-L

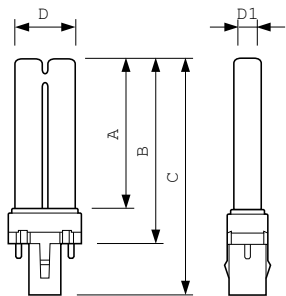


PL-S

Dimensional drawing



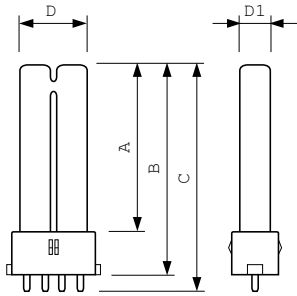
Product	D1 (max)	D (max)	A (max)	B (max)	C (max)
PL-L 36W/01/4P 1CT/25	18 mm	39 mm	384.2 mm	410 mm	416.6 mm
PL-L 36W/01/4P 1CT/25	18 mm	39 mm	384.2 mm	410 mm	416.6 mm



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

UV-B Narrowband PL-L/PL-S

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

General Information

Main Application	Phototherapy Systems
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Light Technical

Color Code	01
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Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power (Rated) (Nom)
927901700121	PL-S 9W/01/2P 1CT/6X10BOX	0.17 A	60 V	8.6 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 (Rated) (Nom)
927903400151	PL-L 36W/01/4P 1CT/25	0.435 A	105 V	36 W
927912900121	PL-S 8W/01/4P 1CT/6X10BOX	0.165 A	51 V	8.0 W

General Information

Order Code	Full Product Name	Cap-Base	Life To 50% Failures (Nom)	Useful Life (Nom)
927901700121	PL-S 9W/01/2P 1CT/6X10BOX	G23	1000 h	1000 h
927903400121	PL-L 36W/01/4P 1CT/25	2G11	-	1000 h

Order Code	Full Product Name	Cap-Base	Life To 50% Failures (Nom)	Useful Life (Nom)
927903400151	PL-L 36W/01/4P 1CT/25	2G11	-	2000 h
927912900121	PL-S 8W/01/4P 1CT/6X10BOX	2G7	1000 h	1000 h

Light Technical

Order Code	Full Product Name	Color Designation
927901700121	PL-S 9W/01/2P 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	-
927912900121	PL-S 8W/01/4P 1CT/6X10BOX	Ultra Violet B

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
927901700121	PL-S 9W/01/2P 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
927912900121	PL-S 8W/01/4P 1CT/6X10BOX	2XT12

UV

UV-B Narrowband PL-L/PL-S

Order Code	Full Product Name	UV-B Radiation	UV-B Radiation 100
		5hr (IEC)	hr (IEC)
927901700121	PL-S 9W/01/2P 1CT/ 6X10BOX	1.2 W	1.0 W
927903400121	PL-L 36W/01/4P 1CT/25	6.2 W	4.8 W

Order Code	Full Product Name	UV-B Radiation	UV-B Radiation 100
		5hr (IEC)	hr (IEC)
927903400151	PL-L 36W/01/4P 1CT/25	6.2 W	4.8 W
927912900121	PL-S 8W/01/4P 1CT/ 6X10BOX	-	1.0 W

Approval and Application

Order Code	Full Product Name	Mercury (Hg)	Mercury (Hg)
		Content (Max)	Content (Nom)
927901700121	PL-S 9W/01/2P 1CT/6X10BOX	-	-
927903400121	PL-L 36W/01/4P 1CT/25	-	-

Order Code	Full Product Name	Mercury (Hg)	Mercury (Hg)
		Content (Max)	Content (Nom)
927903400151	PL-L 36W/01/4P 1CT/25	-	-
927912900121	PL-S 8W/01/4P 1CT/6X10BOX	3.2 mg	3.0 mg

Controls and Dimming

Order Code	Full Product Name	Dimmable
927901700121	PL-S 9W/01/2P 1CT/6X10BOX	-
927903400121	PL-L 36W/01/4P 1CT/25	-

Order Code	Full Product Name	Dimmable
927903400151	PL-L 36W/01/4P 1CT/25	-
927912900121	PL-S 8W/01/4P 1CT/6X10BOX	No

