



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 PL-L/PL-S lamps are safer and more effective than any other lamps in their class. The PL-L/PL-S versions provide additional design freedom for system manufacturers since these are space-saving compact, single-ended lamps. Further flexibility is assured since they use the same lamp caps as general lighting lamps, they also use the same universal ballasts. Their best-in-class treatment effectiveness is a result of their very narrow waveband emission: between 305 and 315 nm with a peak at 311 nm. This is the most efficacious waveband for the treatment of psoriasis, and is therefore much more focused. As a result, exposure times are much shorter and this in turn leads to a reduction of side effects such as reddening of the skin and itching. All of this makes them ideal for phototherapy treatment of diseases such as psoriasis and vitiligo. What's more, because the overall dosage of this narrowband radiation can be closely controlled, these lamps are suitable for home therapy.

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

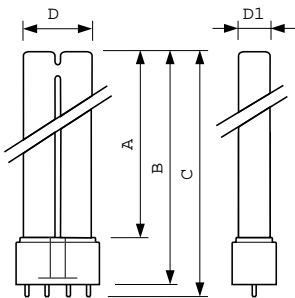
Application

- Psoriasis, Vitiligo

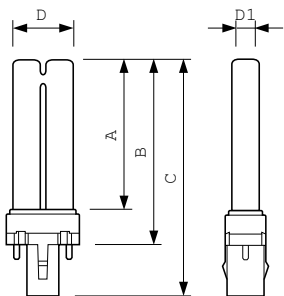
Versions



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



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

General Information

Useful Life (Nom)	1000 h
-------------------	--------

Light Technical

Colour Code	01
-------------	----

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power (Rated) (Nom)
86891680	PL-S 9W/01/2P 1CT/ 6X10BOX	0.17 A	60 V	8.6 W

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power (Rated) (Nom)
86889340	PL-L 36W/01/4P 1CT/25	0.435 A	105 V	36 W

General Information

Order Code	Full Product Name	Cap-Base	Life To 50% Failures (Nom)
86891680	PL-S 9W/01/2P 1CT/6X10BOX	G23	1000 h

Order Code	Full Product Name	Cap-Base	Life To 50% Failures (Nom)
86889340	PL-L 36W/01/4P 1CT/25	2G11	-

Light Technical

Order Code	Full Product Name	Colour Designation
86891680	PL-S 9W/01/2P 1CT/6X10BOX	Ultra Violet B

Order Code	Full Product Name	Colour Designation
86889340	PL-L 36W/01/4P 1CT/25	-

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
86891680	PL-S 9W/01/2P 1CT/6X10BOX	2xT12

Order Code	Full Product Name	Bulb Shape
86889340	PL-L 36W/01/4P 1CT/25	2xT16

UV

Order Code	Full Product Name	UV-B Radiation 5hr (IEC)	UV-B Radiation 100 hr (IEC)
86891680	PL-S 9W/01/2P 1CT/ 6X10BOX	1.2 W	1.0 W

Order Code	Full Product Name	UV-B Radiation 5hr (IEC)	UV-B Radiation 100 hr (IEC)
86889340	PL-L 36W/01/4P 1CT/25	6.2 W	4.8 W

