

UV-B Narrowband PL-L/PL-S

PL-L 36W/01/4P 1CT/25

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.

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.

Product data

General Information	
Cap-Base	2G11
Useful Life (Nom)	1,000 hour(s)

Light Technical	
Color Code	01
Chromaticity Coordinate X (Nom)	224
Chromaticity Coordinate Y (Nom)	228
UV Depreciation at 1000 h	20 %
UV Depreciation at 500 h	15 %

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Operating and Electrical	
Power Consumption	36 W
Lamp Current (Nom)	0.435 A
Voltage (Nom)	105 V
Voltage (Nom)	105 V

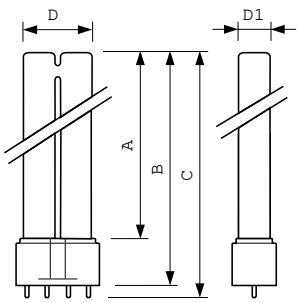
Mechanical and Housing	
Bulb Shape	2xT16

Approval and Application	
Mercury (Hg) Content (Nom)	4.4 mg

UV	
UV-B Radiation 100 hr (IEC)	4.8 W
UV-B Radiation 5hr (IEC)	6.2 W

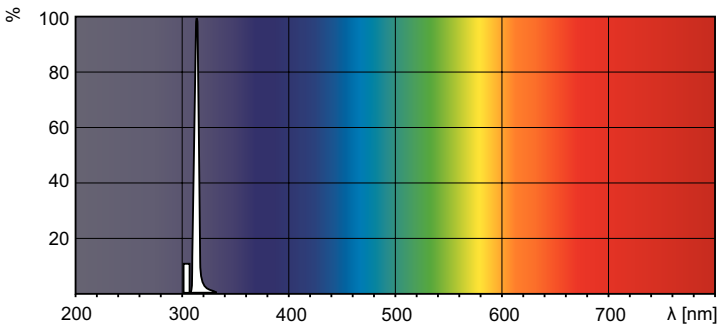
Product Data	
Order product name	PL-L 36W/01/4P 1CT/25
Full product name	PL-L 36W/01/4P 1CT/25
Full product code	871150086889340
Order code	927903400121
Material Nr. (12NC)	927903400121
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8711500868893
Numerator - Packs per outer box	25
EAN/UPC - Case	8711500868909

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

Photometric data



Spectral Power Distribution Colour - PL-L 36W/01/4P 1CT/25

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2023, April 15 - data subject to change