



# **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 h
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 %	

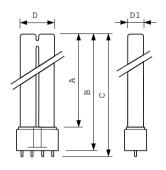
Datasheet, 2023, April 15 data subject to change

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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	

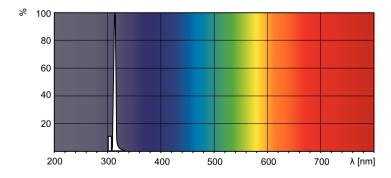
Product Data           Order product name         PL-L 36W/01/4P 1CT/25           Full product name         PL-L 36W/01/4P 1CT/25           Full product code         871150086889340           Order code         927903400121           Material Nr. (12NC)         927903400121           Local order code         PLL36W01           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8711500868893           Numerator - Packs per outer box         25		
Full product name         PL-L 36W/01/4P 1CT/25           Full product code         871150086889340           Order code         927903400121           Material Nr. (12NC)         927903400121           Local order code         PLL36W01           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8711500868893	Product Data	
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Material Nr. (12NC)         927903400121           Local order code         PLL36W01           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8711500868893	Full product code	871150086889340
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<b>EAN/UPC - Case</b> 8711500868909	FAN/UPC - Case	8711500868909
<b>EAN/UPC - Case</b> 8/11500868909	FAN/UPC - Case	8/11500868909

## 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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