



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 erythematous 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

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.

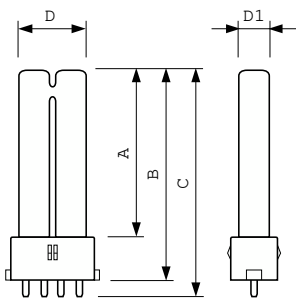
Versions



LPPR PLS4PLM 9W



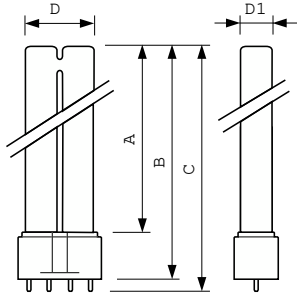
Dimensional drawing



| 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 |

UV-B Narrowband 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 |

Light Technical

| | |
|------------|----|
| Color Code | 01 |
|------------|----|

General Information

| Order Code | Full Product Name | Cap-Base |
|--------------|---------------------------|----------|
| 927912900121 | PL-S 8W/01/4P 1CT/6X10BOX | 2G7 |

| Order Code | Full Product Name | Cap-Base |
|--------------|-----------------------|----------|
| 927903400121 | PL-L 36W/01/4P 1CT/25 | 2G11 |

Light Technical

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

| Order Code | Full Product Name | Color Designation |
|--------------|-----------------------|-------------------|
| 927903400121 | PL-L 36W/01/4P 1CT/25 | - |

Operating and Electrical

| Order Code | Full Product Name | Lamp | | |
|--------------|---------------------------|---------------|---------------|-------------------|
| | | Current (Nom) | Voltage (Nom) | Power Consumption |
| 927912900121 | PL-S 8W/01/4P 1CT/6X10BOX | 0.165 A | 51 V | 8.0 W |

| Order Code | Full Product Name | Lamp | | |
|--------------|-----------------------|---------------|---------------|-------------------|
| | | Current (Nom) | Voltage (Nom) | Power Consumption |
| 927903400121 | PL-L 36W/01/4P 1CT/25 | 0.435 A | 105 V | 36 W |

Controls and Dimming

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



UV-B Narrowband PL-L/PL-S

| Order Code | Full Product Name | Dimmable |
|--------------|-----------------------|----------|
| 927903400121 | PL-L 36W/01/4P 1CT/25 | - |

Mechanical and Housing

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

| Order Code | Full Product Name | Bulb Shape |
|--------------|-----------------------|------------|
| 927903400121 | PL-L 36W/01/4P 1CT/25 | 2xT16 |

Approval and Application

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

| Order Code | Full Product Name | Mercury (Hg) Content (Max) | Mercury (Hg) Content (Nom) |
|--------------|-----------------------|-------------------------------|-------------------------------|
| 927903400121 | PL-L 36W/01/4P 1CT/25 | - | 4.4 mg |

