



# UV-B Narrowband PL-L/PL-S

## PL-S 8W/01/4P 1CT/6X10BOX

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.

### Product data

| General Information        |                      |
|----------------------------|----------------------|
| Cap-Base                   | 2G7 [ 2G7]           |
| Main Application           | Phototherapy Systems |
| Life to 50% Failures (Nom) | 1000 h               |
| Useful Life (Nom)          | 1000 h               |
| Light Technical            |                      |
| Color Code                 | 01                   |
| Color Designation          | Ultra Violet B       |
| UV Depreciation at 500 h   | 15 %                 |
| UV Depreciation at 1000 h  | 20 %                 |

| Operating and Electrical |         |
|--------------------------|---------|
| Power (Rated) (Nom)      | 8.0 W   |
| Lamp Current (Nom)       | 0.165 A |
| Voltage (Nom)            | 51 V    |
| Controls and Dimming     |         |
| Dimmable                 | No      |
| Mechanical and Housing   |         |
| Cap-Base Information     | 4 Pins  |

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### Approval and Application

|                            |        |
|----------------------------|--------|
| Mercury (Hg) Content (Max) | 3.2 mg |
| Mercury (Hg) Content (Nom) | 3.0 mg |

### UV

|                             |       |
|-----------------------------|-------|
| UV-B Radiation 100 hr (IEC) | 1.0 W |
|-----------------------------|-------|

### Product Data

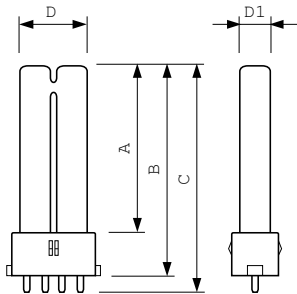
|                   |                 |
|-------------------|-----------------|
| Full product code | 871869659672200 |
|-------------------|-----------------|

|                                 |                           |
|---------------------------------|---------------------------|
| Order product name              | PL-S 8W/01/4P 1CT/6X10BOX |
| EAN/UPC - Product               | 8718696596722             |
| Order code                      | 927912900121              |
| Numerator - Quantity Per Pack   | 1                         |
| Numerator - Packs per outer box | 60                        |
| Material Nr. (12NC)             | 927912900121              |
| Net Weight (Piece)              | 30.000 g                  |

### 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.

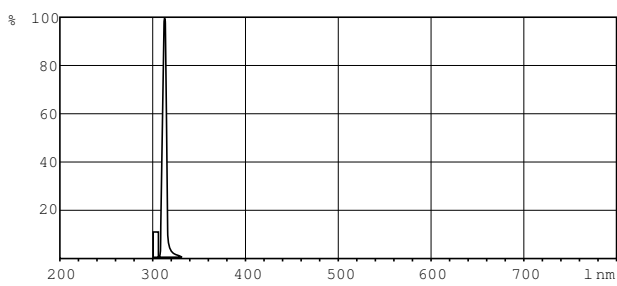
### Dimensional drawing



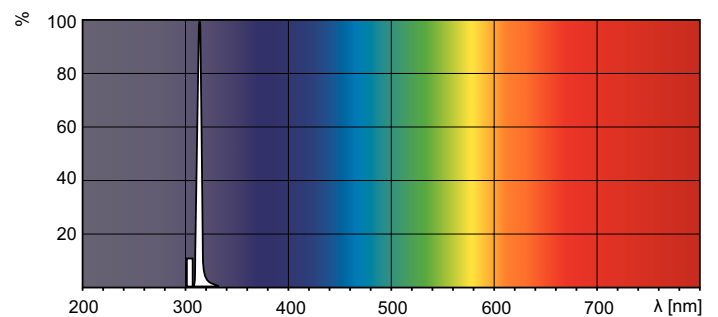
PLS 8W/01 4P

| 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 |

### Photometric data



Lightcolor /01



Lightcolor /01

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