



# UVB Broadband TL

## TL 100W/12 SLV/10

The UVB Broadband TL lamps emit radiation in the 'B' bandwidth of the UV spectrum (290 to 315 nm) and are therefore suitable for phototherapy systems designed to treat skin diseases such as psoriasis. 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.

### 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.

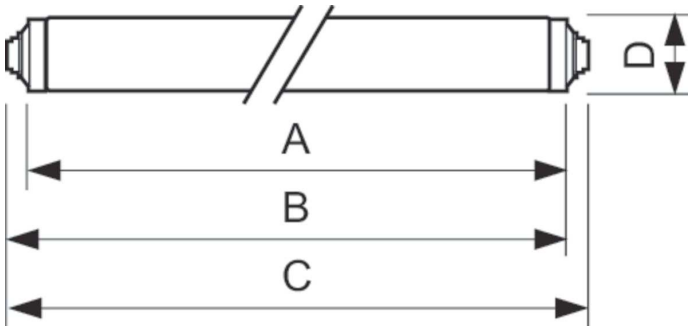
### Product data

| General Information             |                      | Lamp Current (Nom)            |                   | Voltage (Nom) |       |
|---------------------------------|----------------------|-------------------------------|-------------------|---------------|-------|
| Cap-Base                        | R17D [ R17d (RDC)]   |                               | 0.97 A            |               | 126 V |
| Main Application                | Phototherapy Systems | <b>Mechanical and Housing</b> |                   |               |       |
| Life to 50% Failures (Nom)      | 1000 h               | Cap-Base Information          | Adaptor           |               |       |
| Useful Life (Nom)               | 1000 h               | <b>UV</b>                     |                   |               |       |
| <b>Light Technical</b>          |                      | UV-B Radiation 100 hr (IEC)   | 13.5 W            |               |       |
| Color Code                      | 12                   | UV-B Radiation 5hr (IEC)      | 14.3 W            |               |       |
| Color Designation               | Ultra Violet B       | <b>Product Data</b>           |                   |               |       |
| Chromaticity Coordinate X (Nom) | 240                  | Full product code             | 871869666241000   |               |       |
| Chromaticity Coordinate Y (Nom) | 250                  | Order product name            | TL 100W/12 SLV/10 |               |       |
| UV Depreciation at 500 h        | 10 %                 | EAN/UPC - Product             | 8718696662410     |               |       |
| UV Depreciation at 1000 h       | 15 %                 | Order code                    | 928034901230      |               |       |
| <b>Operating and Electrical</b> |                      | Numerator - Quantity Per Pack | 1                 |               |       |
| Power (Nom)                     | 100 W                |                               |                   |               |       |

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|                                 |              |
|---------------------------------|--------------|
| Numerator - Packs per outer box | 10           |
| Material Nr. (12NC)             | 928034901230 |
| Net Weight (Piece)              | 410.000 g    |

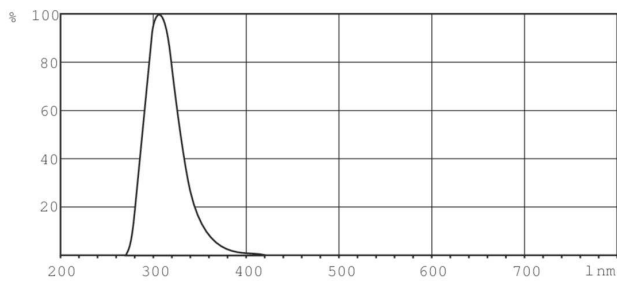
### Dimensional drawing



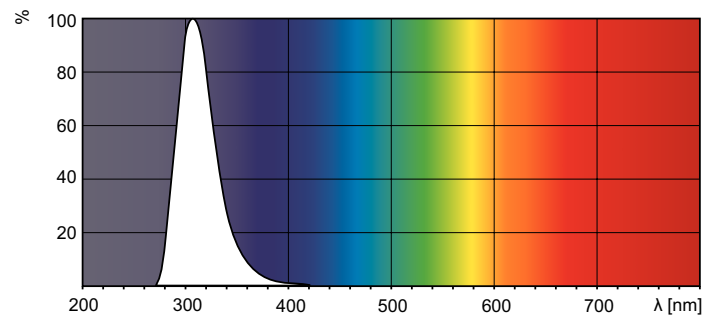
TL 100W/12 R17d

| Product           | D (max) | A (max)   | B (max)   | B (min)   | C (max)   |
|-------------------|---------|-----------|-----------|-----------|-----------|
| TL 100W/12 SLV/10 | 40.5 mm | 1763.8 mm | 1770.9 mm | 1768.5 mm | 1782.2 mm |

### Photometric data



XDPB\_XUMTL\_12-Spectral power distribution B/W



XDPO\_XUMTL\_12-Spectral power distribution Colour

