



UV-B Narrowband TL

TL 120W/01 25PK

More than 400 independent clinical studies have proven that the UVB Narrowband TL lamps are safer and more effective than any other lamps in their class. That is because these lamps emit only a very narrow waveband from the 'B' bandwidth of the UV spectrum (290 to 315). This narrow waveband is between 305 and 315 nm and peaks at 311 nm: the most efficacious waveband for the treatment of psoriasis. This means that treatment is much more focused and exposure times are much shorter. 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.
- Lamp contains mercury. Manage in Accord with Disposal Laws. See: www.lamprecycle.org or 1-800-555-0050

Product data

| General Information | | Chromaticity Coordinate Y (Nom) | |
|---------------------------------|----------------------------------|---------------------------------|---------|
| Base | G13 [Medium Bi-Pin Fluorescent] | | 220 |
| Main Application | Phototherapy Systems | UV Depreciation at 500 h | 10 % |
| Life to 50% Failures (Nom) | 1000 h | UV Depreciation at 1000 h | 15 % |
| Useful Life (Nom) | 1000 h | | |
| Light Technical | | Operating and Electrical | |
| Color Code | 01 | Power (Rated) (Nom) | 116 W |
| Color Designation | Ultra Violet B | Lamp Current (Nom) | 1.110 A |
| Chromaticity Coordinate X (Nom) | 220 | Voltage (Nom) | 127 V |

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Mechanical and Housing

Cap-Base Information No Adaptor

Approval and Application

Mercury (Hg) Content (Nom) 13.0 mg

UV

UV-B Radiation 100 hr (IEC) 17 W

UV-B Radiation 5hr (IEC) 19.7 W

Product Data

Order product name TL 120W/01

EAN/UPC - Product 8711500264831

Order code 304428

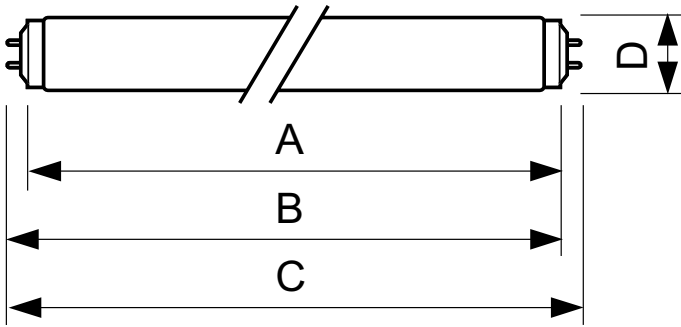
Numerator - Quantity Per Pack 1

Numerator - Packs per outer box 25

Material Nr. (12NC) 928035200101

Net Weight (Piece) 502.000 g

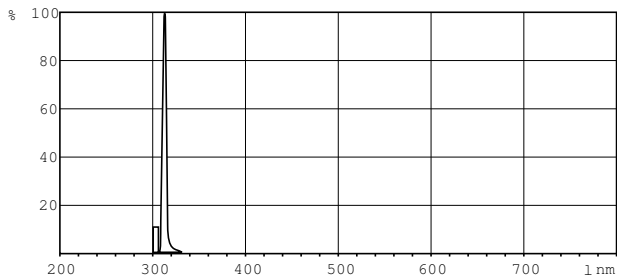
Dimensional drawing



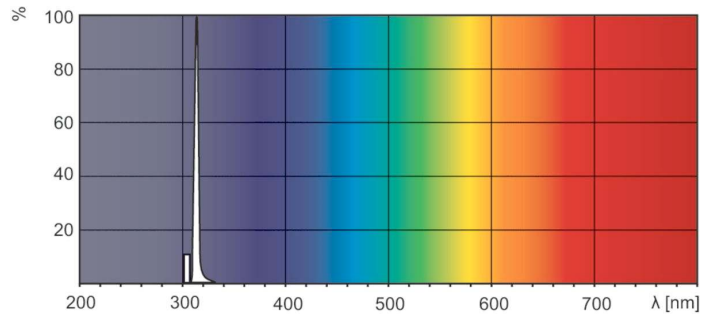
TL 120W/01

| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|------------|---------|---------|-----------|-----------|-----------|
| TL 120W/01 | 40.5 mm | 2000 mm | 2007.1 mm | 2004.7 mm | 2014.2 mm |

Photometric data



XDPB_XUMTL_01-Spectral power distribution B/W



XDPO_XUMTL_01-Spectral power distribution Colour

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