

# UV-B Narrowband TL

## TL 100W/01 SLV/10

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](http://www.lamprecycle.org) or 1-800-555-0050

### Product data

General Information		Chromaticity Coordinate Y (Nom)	
Base	R17D [ R17d (RDC)]		208
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	Operating and Electrical	
Light Technical		Power (Rated) (Nom)	100 W
Color Code	01	Lamp Current (Nom)	0.97 A
Color Designation	Ultra Violet B	Voltage (Nom)	126 V
Chromaticity Coordinate X (Nom)	216		

## UV-B Narrowband TL

### Mechanical and Housing

Cap-Base Information	Adaptor
----------------------	---------

### Approval and Application

Mercury (Hg) Content (Nom)	14.0 mg
----------------------------	---------

### UV

UV-B Radiation 100 hr (IEC)	16.1 W
-----------------------------	--------

UV-B Radiation 5hr (IEC)	18.4 W
--------------------------	--------

### Product Data

Order product name	TL 100W/01 SLV/10
--------------------	-------------------

EAN/UPC - Product	8718696662335
-------------------	---------------

Order code	323188
------------	--------

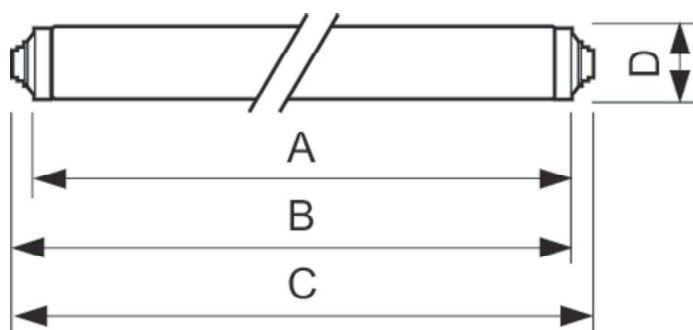
Numerator - Quantity Per Pack	1
-------------------------------	---

Numerator - Packs per outer box	10
---------------------------------	----

Material Nr. (12NC)	928034900130
---------------------	--------------

Net Weight (Piece)	0.470 kg
--------------------	----------

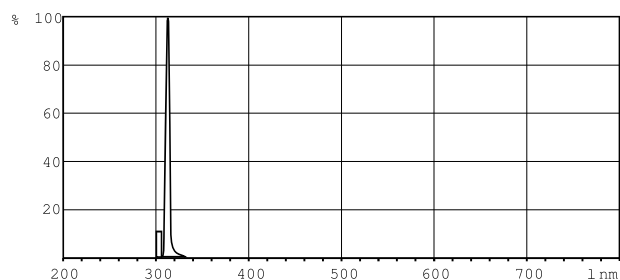
### Dimensional drawing



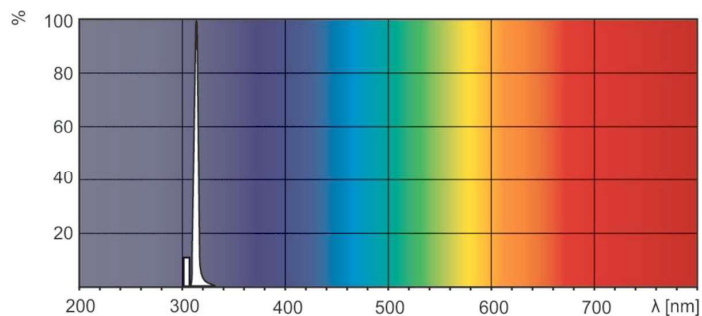
TL 100W/01 R17d

Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL 100W/01 SLV/10	40.5 mm	1763.8 mm	1770.9 mm	1768.5 mm	1782.2 mm

### Photometric data



XDPB\_XUMTL\_01-Spectral power distribution B/W



XDPO\_XUMTL\_01-Spectral power distribution Colour

## UV-B Narrowband TL

