



# UV-B Narrowband TL

100W/01 1SL

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, parapsoriasis, vitiligo, atopic dermatitis, and mycosis fungoides. What's more, because the overall dosage of this narrowband radiation can be closely controlled, these lamps are suitable for home therapy.

## Product data

### • General Characteristics

Cap-Base	R17d
Cap-Base Information	Adaptor
Bulb	T12 [T12]
Main Application	Medical Therapy

### • Light Technical Characteristics

Color Code	01
Color Designation (text)	Ultra Violet B
Chromaticity Coordinate X	226 -
Chromaticity Coordinate Y	220 -
Depreciation 500 hours	10 %
Depreciation 1000 hours	15 %

### • Electrical Characteristics

Watts	100 W
Lamp Wattage Technical	100 W
Lamp Voltage	122 V
Lamp Current	0.97 A

### • UV-related Characteristics

UV-B Radiation 100hr (IEC)	15 W
UV-B Radiation 5hr (IEC)	17.7 W

### • Product Dimensions

Base Face to Base Face A	1763.8 (max) mm
Insertion Length B	1768.5 (min), 1770.9 (max) mm
Overall Length C	1782.2 (max) mm
Diameter D	40.5 (max) mm

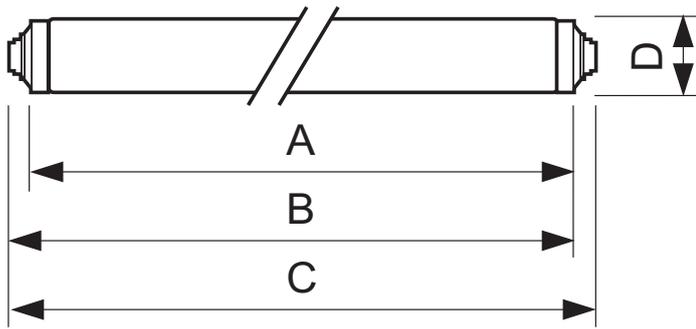
### • Product Data

Product number	312769
Full product name	TL 100W/01 SLV
Short product name	TL 100W/01 SLV/10
Pieces per Sku	1
eop_pck_cfg	10
Skus/Case	10
Bar code on pack	8711500614254
Bar code on case	8711500614261
Logistics code(s)	928034900129
eop_net_weight_pp	0.470 kg

## Dimensional drawing

# UV-B Narrowband TL

## Dimensional drawing



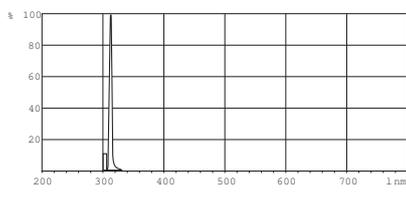
### 100W/01 1SL

Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TL 100W/01 R17d	1763.8	1768.5	1770.9	1782.2	40.5

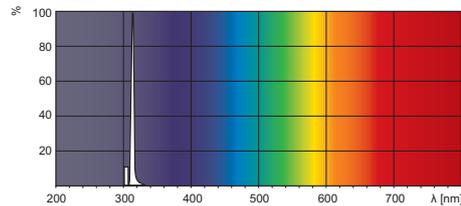


R17d

## Photometric data



Lightcolor /01



Lightcolor /01



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data subject to change