# **PHILIPS** Lighting



# **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 or 1-800-555-0050

#### **Product data**

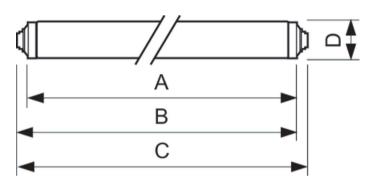
General Information		Chromaticity Coordinate Y (Nom)	208	
Cap-Base	R17D [R17d (RDC)]	UV Depreciation at 1000 h	15 %	
Life to 50% Failures (Nom)	1,000 hour(s)	UV Depreciation at 500 h	10 %	
Useful Life (Nom)	1,000 hour(s)			
		Operating and Electrical		
Light Technical		Power Consumption	100 W	
Color 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**

Voltage (Nom)	126 V		
Mechanical and Housing			
Bulb Shape	T38 [T 38mm]		
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		

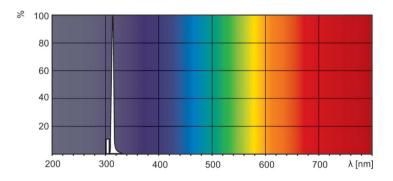
Product Data			
Order product name	TL 100W/01 SLV/10		
Full product name	TL 100W/01 SLV/10 871869666233500		
Full product code			
Order code	323188		
Material Nr. (12NC)	928034900130		
Numerator - Quantity Per Pack	1 8718696662335		
EAN/UPC - Product/Case			
Numerator - Packs per outer box	10		
EAN/UPC - Case	8718696662342		

### Dimensional drawing



TL 100W/01 SLV/10 1-5/8 inch 69-1/2 inch 69-3/4 inch 69-5/8 inch 70-3/16 inch	Product	D (max)	A (max)	B (max)	B (min)	C (max)
	TL 100W/01 SLV/10	1-5/8 inch	69-1/2 inch	69-3/4 inch	69-5/8 inch	70-3/16 inch

#### Photometric data



Spectral Power Distribution Colour - TL 100W/01 SLV/10

**UV-B Narrowband TL** 



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, August 25 - data subject to change