



# **UV-B Narrowband TL**

# TL 100W/01 SLV/10

Philips offers highly reliable T12 lamps with narrow waveband of between 305 and 315 nm which peaks at 311 nm. This makes these lamps suitable for various applications such as phototherapy, agriculture & curing.

### **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.
- Photobiological Safety IEC 62471 Risk Group 3. WARNING UV is emitted from these products.

#### **Product data**

General information			
Cap-Base	R17D [ R17d (RDC)]		
Main Application	-		
Life to 50% Failures (Nom)	1000 h		
Useful Life (Nom)	1000 h		
Light technical			
Color Code	01		
Color Designation	Ultra Violet B		
Chromaticity Coordinate X (Nom)	216		
Chromaticity Coordinate Y (Nom)	208		
UV Depreciation at 500 h	10 %		
UV Depreciation at 1000 h	15 %		
Operating and electrical			
Power (Nom)	100 W		
Lamp Current (Nom)	0.97 A		

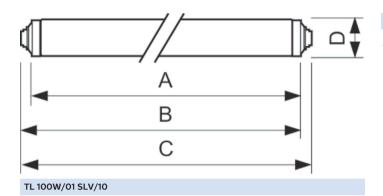
Voltage (Nom)	126 V		
Mechanical and housing			
Cap-Base Information	Adaptor		
Bulb Shape	T38 [ T 38mm]		
Approval and application			
Mercury (Hg) Content (Nom)	14.0 mg		
UV			
UV-B Radiation 100 hr (IEC)	16.1 W		
UV-B Radiation 5hr (IEC)	18.4 W		
Product data			
Full product code	871869666233500		
Order product name	TL 100W/01 SLV/10		
EAN/UPC - Product	8718696662335		
Order code	928034900130		

Datasheet, 2022, January 14 data subject to change

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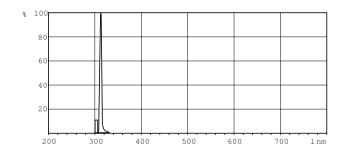
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	10	
Material Nr. (12NC)	928034900130	

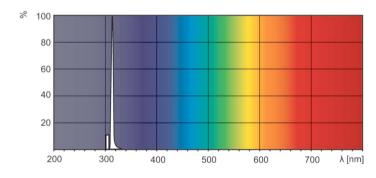
## Dimensional drawing



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



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