



# **UV-B Narrowband TL**

## TL F72T12 100W/01 UV-B

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	RDC	
Life to 50% Failures (Nom)	1,000 hour(s)	
Useful Life (Nom)	1,000 hour(s)	
Light Technical		
Color Code	01	
Color Designation	Ultra Violet B	
Chromaticity Coordinate X (Nom)	216	
Chromaticity Coordinate Y (Nom)	208	
UV Depreciation at 1000 h	15 %	
UV Depreciation at 500 h	10 %	
Operating and Electrical		
Power Consumption	100 W	
Lamp Current (Nom)	0.97 A	
Voltage (Nom)	126 V	

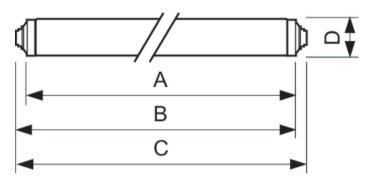
Mechanical and Housing			
Bulb Shape	T38		
Net Weight (Piece)	500.000 g		
Approval and Application			
Mercury (Hg) Content (Nom)	13.0 mg		
UV			
UV-B Radiation 100 hr (IEC)	15 W		
Product Data			
Order product name	TL F72T12 100W/01 UV-B		
Full product name	TL F72T12 100W/01 UV-B		
Full product code	871869666235900		
Order code	927978500130		
Material Nr. (12NC)	927978500130		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	8718696662359		

Datasheet, 2025, September 29 data subject to change

## **UV-B Narrowband TL**

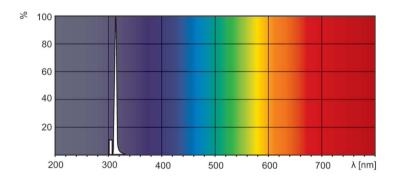
Numerator - Packs per outer box	25
EAN/UPC - Case	8718696662366

### Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL F72T12 100W/01 UV-B	40.5 mm	1,755.7 mm	1,762.8 mm	1,760.4 mm	1,775.6 mm

#### Photometric data



Spectral Power Distribution Colour - TL F72T12 100W/01 UV-B



© 2025 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.