



UV-B Narrowband TL

TL F72T12 100W/01 UV-B

More than 400 independent clinical studies have proven that the UVB Narrowband treatment is safer and more effective than any other treatment in its class. Lamps installed in such phototherapy treatment systems emit only a very narrow waveband from the 'B' bandwidth of the UV spectrum (290 to 315). Philips offers lamps with narrow waveband of between 305 and 315 nm which peaks at 311 nm. This makes these lamps very suitable for Clinical and Home UV-B Narrowband phototherapy systems which treat skin diseases such as psoriasis and vitiligo. N.B.: Our UVB lamps are NOT registered with FDA as medical devices as they are NOT packaged or labeled for commercial distribution for health-related purposes. US customers are referred to the UVB and UVA lamp range brochure US version.

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.

Product data

General Information			
Cap-Base	RDC [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		
Voltage (Nom)	126 V		
Mechanical and Housing			
Bulb Shape	T38 [T 38mm]		

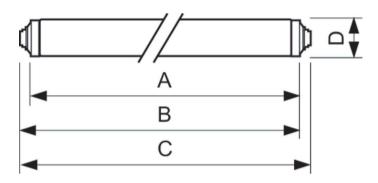
Datasheet, 2023, April 14 data subject to change

UV-B Narrowband TL

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		

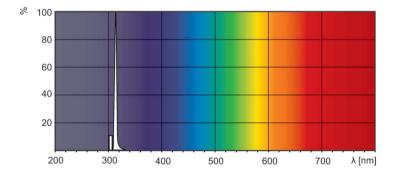
Full product code	871869666235900	
Order code	323196	
Material Nr. (12NC)	927978500130	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696662359	
Numerator - Packs per outer box	25	
EAN/UPC - Case	8718696662366	

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



© 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.