



# **UV-B Narrowband TL**

# TL 120W/01 25PK

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	G13 [Medium Bi-Pin Fluorescent]		
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)	220		
Chromaticity Coordinate Y (Nom)	220		
UV Depreciation at 1000 h	15 %		

UV Depreciation at 500 h	10 %		
Operating and Electrical			
Power Consumption	116 W		
Lamp Current (Nom)	1.110 A		
Voltage (Nom)	127 V		
Voltage (Nom)	127 V		
Mechanical and Housing			
Bulb Shape	T38 [T 38mm]	T38 [T 38mm]	

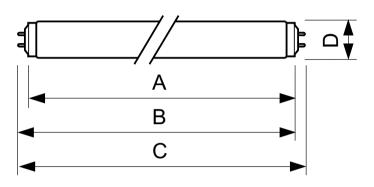
Datasheet, 2023, April 14 data subject to change

## **UV-B Narrowband TL**

Approval and Application		
Mercury (Hg) Content (Nom)	13.0 mg	
UV		
UV-B Radiation 100 hr (IEC)	17 W	
UV-B Radiation 5hr (IEC)	19.7 W	
Product Data		
Order product name	TL 120W/01	
Full product name	TL 120W/01 25PK	

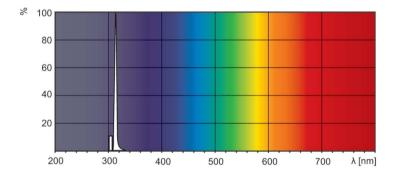
Full product code	871150026483140	
Order code	304428	
Material Nr. (12NC)	928035200101	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8711500264831	
Numerator - Packs per outer box	25	
EAN/UPC - Case	8711500264848	

## Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL 120W/01	40.5 mm	2,000 mm	2,007.1 mm	2,004.7 mm	2,014.2 mm

## Photometric data



Spectral Power Distribution Colour - TL 120W/01



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