PHILIPS Lighting



UV-B Narrowband TL

TL 120W/01 25PK

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

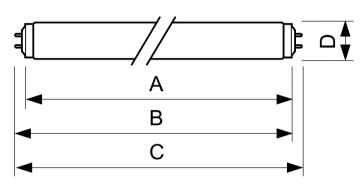
General Information		Chromaticity Coordinate Y (Nom)	220	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	UV Depreciation at 1000 h	15 %	
Life to 50% Failures (Nom)	1,000 hour(s)	UV Depreciation at 500 h	10 %	
Jseful Life (Nom)	1,000 hour(s)			
		Operating and Electrical		
Light Technical		Power Consumption	116 W	
Color Code	01	Lamp Current (Nom)	1.110 A	
Color Designation	Ultra Violet B	Voltage (Nom)	127 V	
Chromaticity Coordinate X (Nom)	220			

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Voltage (Nom)	127 V	
Mechanical and Housing		
Bulb Shape	T38 [T 38mm]	
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	

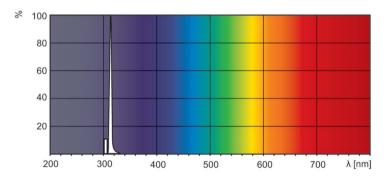
Product Data			
Order product name	TL 120W/01		
Full product name	TL 120W/01 25PK		
Full product code	871150026483140		
Order code	304428		
Material Nr. (12NC)	928035200101 1		
Numerator - Quantity Per Pack			
EAN/UPC - Product/Case	8711500264831		
Numerator - Packs per outer box	25		
EAN/UPC - Case	8711500264848		

Dimensional drawing



TL 120W/01 1-5/8 inch 78-3/4 inch 79-1/16 inch 78-15/16 inch 79-5/16 inch	Product	D (max)	A (max)	B (max)	B (min)	C (max)
	TL 120W/01	1-5/8 inch	78-3/4 inch	79-1/16 inch	78-15/16 inch	79-5/16 inch

Photometric data



Spectral Power Distribution Colour - TL 120W/01

UV-B Narrowband TL



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www.lighting.philips.com 2023, September 4 - data subject to change