



# UVB Narrowband TL – proven as the most effective in phototherapy

## UV-B Narrowband TL

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.

### Benefits

- Minimum side effects like redness, itching and burns
- Shorter period of exposure and less erythema radiation than conventional UVB lamps
- Optimal therapeutic effect with minimum side effects
- Proven to be most effective on the skin

### Features

- Emission peak at 311 nm
- Narrowband
- Special developed phosphor and glass
- World wide tested in more than 400 clinical tests

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## Application

- Psoriasis, Vitiligo

## 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.

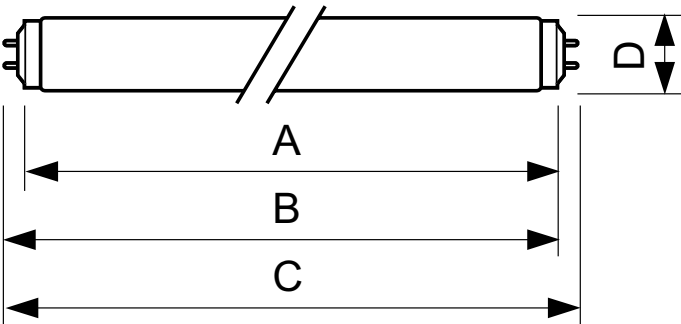
## Versions



TL G13

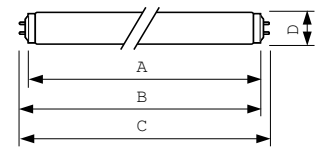
TL G13

## Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL 120W/01	40.5 mm	2000 mm	2007.1 mm	2004.7 mm	2014.2 mm

Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL 20W/01 RS SLV/25	40.5 mm	589.8 mm	596.9 mm	594.5 mm	604 mm
TL 40W/01 RS	40.5 mm	1199.4 mm	1206.5 mm	1204.1 mm	1213.6 mm



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Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL F72T12 100W/01 UV-B	40.5 mm	1755.7 mm	1762.8 mm	1760.4 mm	1775.6 mm
TL 100W/01 SLV/10	40.5 mm	1763.8 mm	1770.9 mm	1768.5 mm	1782.2 mm

General Information	
Cap-Base	G13
Main Application	Phototherapy Systems
Light Technical	
Color Code	01
Color Designation	Ultra Violet B
Mechanical and Housing	
Bulb Shape	T12

Operating and Electrical

Order Code	Full Product Name	Lamp Current		Power (Rated)	
		(Nom)	Voltage (Nom)	(Nom)	(Nom)
323204	TL 20W/01 RS SLV/25	0.37 A	59 V	19.3 W	

Order Code	Full Product Name	Lamp Current		Power (Rated)	
		(Nom)	Voltage (Nom)	(Nom)	(Nom)
304428	TL 120W/01 25PK	1.110 A	127 V	116 W	

General Information

Order Code	Full Product Name	Life To 50%		Useful Life		System Description
		Failures (Nom)	(Nom)	(Nom)	(Nom)	
323204	TL 20W/01 RS SLV/25	2000 h		2000 h		RS

Order Code	Full Product Name	Life To 50%		Useful Life		System Description
		Failures (Nom)	(Nom)	(Nom)	(Nom)	
304428	TL 120W/01 25PK	1000 h		1000 h		-

UV

Order Code	Full Product Name	UV-B Radiation 5hr		UV-B Radiation 100 hr	
		(IEC)	(IEC)	(IEC)	(IEC)
323204	TL 20W/01 RS SLV/25	3.0 W		2.9 W	

Order Code	Full Product Name	UV-B Radiation 5hr		UV-B Radiation 100 hr	
		(IEC)	(IEC)	(IEC)	(IEC)
304428	TL 120W/01 25PK	19.7 W		17 W	

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