



# 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 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. 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

UV-B Narrowband TL

Application

- Psoriasis, Vitiligo

Versions

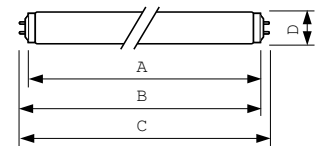


R17d

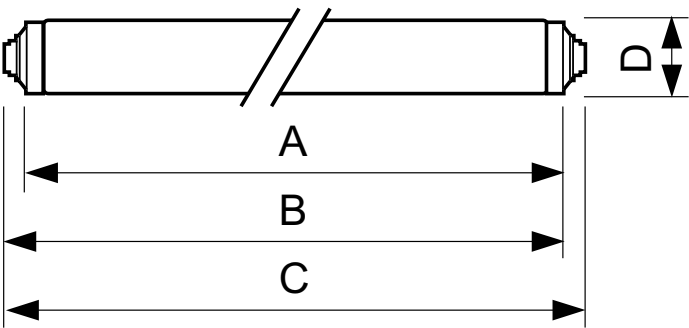
TL G13

TL G13

Dimensional drawing



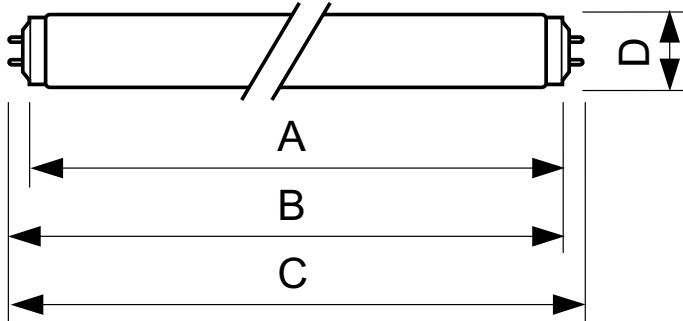
Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL 20W/01 RS SLV/25	40.5 mm	589.8 mm	596.9 mm	594.5 mm	604 mm
TL 40W/01 RS	40.5 mm	1199.4 mm	1206.5 mm	1204.1 mm	1213.6 mm
TL 20W/01 RS SLV/25	40.5 mm	589.8 mm	596.9 mm	594.5 mm	604 mm



Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL 100W/01 SLV/10	40.5 mm	1763.8 mm	1770.9 mm	1768.5 mm	1782.2 mm
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

## UV-B Narrowband TL

### 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

#### Light Technical

Color Code	01
Color Designation	Ultra Violet B

#### Mechanical and Housing

Bulb Shape	T38
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### Approval and Application

Order Code	Full Product Name	Mercury (Hg) Content (Nom)
927978500130	TL F72T12 100W/01 UV-B	13 mg
928034900129	TL 100W/01 SLV/10	-
928034900130	TL 100W/01 SLV/10	-
928010000101	TL 20W/01 RS SLV/25	-

Order Code	Full Product Name	Mercury (Hg) Content (Nom)
928010000130	TL 20W/01 RS SLV/25	-
928011300130	TL 40W/01 RS	-
928035200101	TL 120W/01	-

### Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power (Rated) (Nom)
927978500130	TL F72T12 100W/01 UV-B	0.97 A	126 V	100 W
928034900129	TL 100W/01 SLV/10	0.97 A	126 V	100 W
928034900130	TL 100W/01 SLV/10	0.97 A	126 V	100 W
928010000101	TL 20W/01 RS SLV/25	0.37 A	59 V	19.3 W

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power (Rated) (Nom)
928010000130	TL 20W/01 RS SLV/25	0.37 A	59 V	19.3 W
928011300130	TL 40W/01 RS	0.43 A	104 V	39 W
928035200101	TL 120W/01	1.110 A	127 V	116 W

### General Information

Order Code	Full Product Name	Cap-Base	Life To 50% Failures (Nom)	Useful Life (Nom)	Main Application	System Description
927978500130	TL F72T12 100W/01 UV-B	RDC	1000 h	1000 h	Medical Therapy	-
928034900129	TL 100W/01 SLV/10	R17D	1000 h	1000 h	Phototherapy	-
928034900130	TL 100W/01 SLV/10	R17D	1000 h	1000 h	Phototherapy	-
928010000101	TL 20W/01 RS SLV/25	G13	2000 h	2000 h	Phototherapy	Rapid Start
928010000130	TL 20W/01 RS SLV/25	G13	2000 h	2000 h	Phototherapy	Rapid Start
928011300130	TL 40W/01 RS	G13	9000 h	9000 h	Medical Therapy	Rapid Start
928035200101	TL 120W/01	G13	1000 h	1000 h	Medical Therapy	-

### UV

# UV-B Narrowband TL

Order Code	Full Product Name	UV-B Radiation 5hr (IEC)	UV-B Radiation 100 hr (IEC)
927978500130	TL F72T12 100W/01 UV-B -		15 W
928034900129	TL 100W/01 SLV/10	18.4 W	16.1 W
928034900130	TL 100W/01 SLV/10	18.4 W	16.1 W
928010000101	TL 20W/01 RS SLV/25	3.0 W	2.9 W

Order Code	Full Product Name	UV-B Radiation 5hr (IEC)	UV-B Radiation 100 hr (IEC)
928010000130	TL 20W/01 RS SLV/25	3.0 W	2.9 W
928011300130	TL 40W/01 RS	7.7 W	7.5 W
928035200101	TL 120W/01	19.7 W	17 W

