



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.

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.
- Lamp contains mercury. Manage in Accord with Disposal Laws. See: www.lamprecycle.org or 1-800-555-0050

Versions

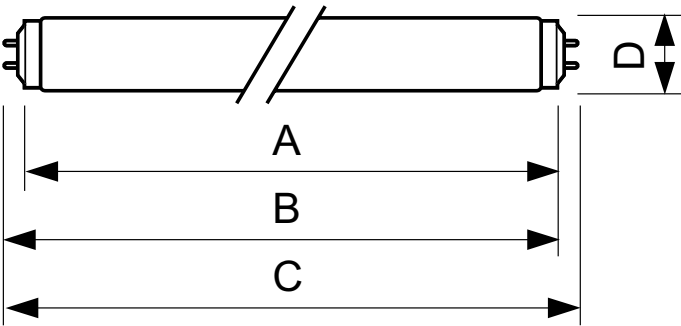


R17d

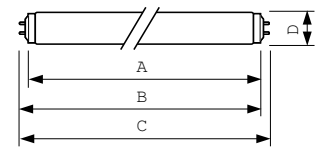
TL G13

TL G13

Dimensional drawing



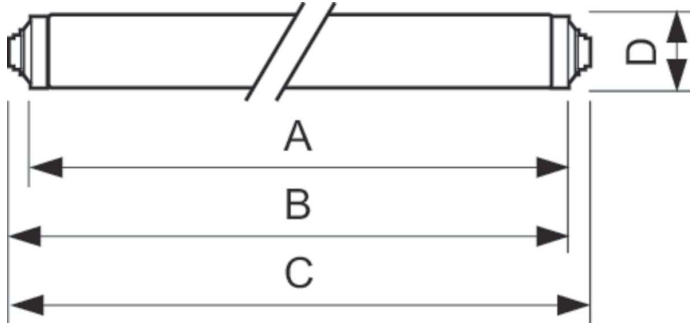
Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL 120W/01	40.5 mm	2000 mm	2007.1 mm	2004.7 mm	2014.2 mm



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	
Main Application	Phototherapy Systems
Light Technical	
Color Code	01
Color Designation	Ultra Violet B
Mechanical and Housing	
Bulb Shape	T12

Approval and Application

Order Code	Full Product Name	Mercury (Hg) Content (Nom)
323196	TL F72T12 100W/01 UV-B	13 mg
323188	TL 100W/01 SLV/10	-
323204	TL 20W/01 RS SLV/25	-

Order Code	Full Product Name	Mercury (Hg) Content (Nom)
323212	TL 40W/01 RS	-
304428	TL 120W/01 25PK	-

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power (Rated) (Nom)
323196	TL F72T12 100W/01 UV-B	0.97 A	126 V	100 W
323188	TL 100W/01 SLV/10	0.97 A	126 V	100 W

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power (Rated) (Nom)
323204	TL 20W/01 RS SLV/25	0.37 A	59 V	19.3 W
323212	TL 40W/01 RS	0.43 A	104 V	39 W
304428	TL 120W/01 25PK	1.110 A	127 V	116 W

General Information

Order Code	Full Product Name	Cap-Base	Life To 50% Failures (Nom)	Useful Life (Nom)	System Description
323196	TL F72T12 100W/01 UV-B	RDC	1000 h	1000 h	-
323188	TL 100W/01 SLV/10	R17D	1000 h	1000 h	-
323204	TL 20W/01 RS SLV/25	G13	2000 h	2000 h	Rapid Start (RS)

Order Code	Full Product Name	Cap-Base	Life To 50% Failures (Nom)	Useful Life (Nom)	System Description
323212	TL 40W/01 RS	G13	9000 h	9000 h	Rapid Start (RS)
304428	TL 120W/01 25PK	G13	1000 h	1000 h	-

UV

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Order Code	Full Product Name	UV-B Radiation 5hr (IEC)	UV-B Radiation 100 hr (IEC)
323196	TL F72T12 100W/01 UV-B -		15 W
323188	TL 100W/01 SLV/10	18.4 W	16.1 W
323204	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)
323212	TL 40W/01 RS	7.7 W	7.5 W
304428	TL 120W/01 25PK	19.7 W	17 W

