



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

UV-B Narrowband TL

Application

- Psoriasis, Vitiligo

Versions

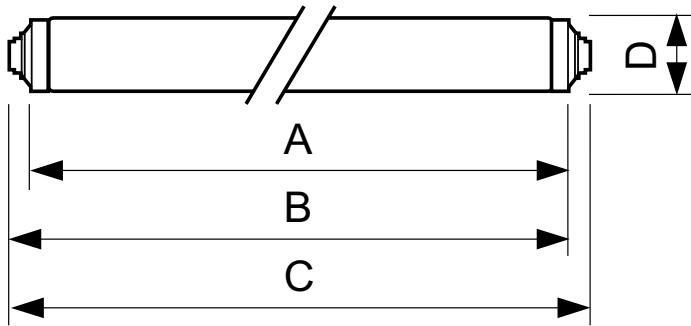


R17d

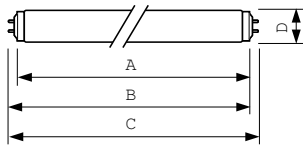
TL G13

TL G13

Dimensional drawing



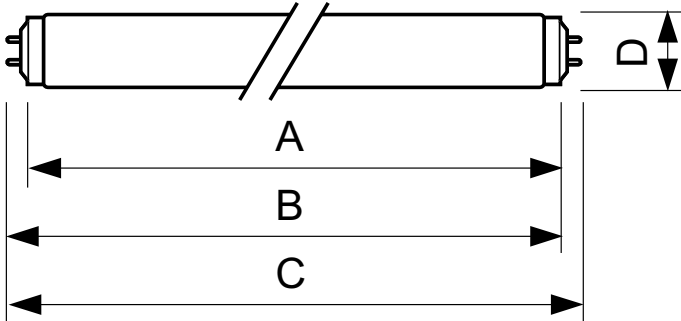
Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL 100W/01 SLV/10	40.5 mm	1763.8 mm	1770.9 mm	1768.5 mm	1782.2 mm
TL F72T12 100W/01	40.5 mm	1755.7 mm	1762.8 mm	1760.4 mm	1775.6 mm
UV-B					



Product	D (max)	A (max)	B (max)	B (min)	C (max)
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

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

General Information

Main Application	Phototherapy Systems
------------------	----------------------

Light Technical

Color Code	01
Color Designation	Ultra Violet B

Mechanical and Housing

Bulb Shape	T38
------------	-----

Approval and Application

Order Code	Full Product Name	Mercury (Hg) Content (Nom)
927978500130	TL F72T12 100W/01 UV-B	13 mg
928034900130	TL 100W/01 SLV/10	-
928010000130	TL 20W/01 RS SLV/25	-

Order Code	Full Product Name	Mercury (Hg) Content (Nom)
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
928034900130	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)
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)	System Description
927978500130	TL F72T12 100W/01 UV-B	RDC	1000 h	1000 h	-
928034900130	TL 100W/01 SLV/10	R17D	1000 h	1000 h	-

Order Code	Full Product Name	Cap-Base	Life To 50%		
			Failures (Nom)	Useful Life (Nom)	System Description
928010000130	TL 20W/01 RS SLV/25	G13	2000 h	2000 h	Rapid Start
928011300130	TL 40W/01 RS	G13	9000 h	9000 h	Rapid Start
928035200101	TL 120W/01	G13	1000 h	1000 h	-

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
928034900130	TL 100W/01 SLV/10	18.4 W	16.1 W
928010000130	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)
928011300130	TL 40W/01 RS	7.7 W	7.5 W
928035200101	TL 120W/01	19.7 W	17 W

