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2017



Phototherapy Lamp Catalogue

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Lamps for Phototherapy Treatment – UVA , UVB & Jaundice Treatment

Millions of people over the world suffer from skin disorders such as Psoriasis and Vitiligo. These disorders have a huge impact on the patients' daily lives. However today, these skin diseases can be treated. Phototherapy is an effective and proven method of treatment.

Jaundice (52) & (71)

By emitting light almost entirely within the 400 to 500 nm bandwidth these Medical Therapy Jaundice lamps have no radiation from the short wave UVB waveband. They are therefore ideal for treating new born babies suffering from hyperbilirubinemia (neonatal jaundice) and Crigler-Najjar Syndrome (CNS). Moreover, the bandwidth of these lamps peak at the most effective treatment wavelength of 450 nm. This highly efficacious phototherapy treatment has eliminated the need for blood transfusions in almost all jaundiced infants.

UVB Narrowband (01)

It is 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 311nm: the most efficacious waveband for the treatment of psoriasis.

UVB Broadband (12)

The UVB Broadband TL lamps emit radiation in the 'B' bandwidth of the UV spectrum (290 to 315 nm) and are therefore suitable for phototherapy systems designed to treat skin diseases such as psoriasis. Normally it is used in conjunction with Narrowband tubes.

UVA

Some patients do not respond to UVB treatment, hence a UV lamp with an 'A' bandwidth of the UV spectrum is used, when the UVB is unsuitable. These (PUVA) lamps have a wavelength of between 315 to 380 nm and are not only used for the treatment of psoriasis but are also commonly used for more than 20 other diseases.

Protective Measures

As with natural sunlight, UV-therapy increases the risk of skin cancer, can cause erythema (sunburn), conjunctivitis (snow blindness) and cataract of the eye.

Chronic blue light exposure can damage the retina. Patients should always wear protective eye-wear. Therapy equipment must be screened off to ensure safe operation by service personnel.

Phototherapy equipment must be provided with a timer in order to control the UV.

Lamps for Phototherapy Treatment – UVA , UVB & Jaundice Treatment

Dimension in mm					
Type	A max	B min	B max	C max	D max

Jaundice (/52) Phototherapy Lamps

TLD 18W/52 (TL20W/52)	589.8	594.5	596.9	604.0	28.0
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UVB Narrowband (/01) Phototherapy Lamps

TL 20W/01	589.8	594.5	596.9	604	40.5
TL 40W/01	1199.4	1204.1	1206.5	1213.6	40.5
TL 100W/01	1763.8	1768.5	1770.9	1778.2	40.5
TL 120W/01	2000.0	2004.7	2007.1	2014.2	40.5

UVB Broadband (/12) Phototherapy Lamps

TL 20W/12	589.8	594.5	596.9	604	40.5
TL 40W/12	1199.4	1204.1	1206.5	1213.6	40.5
TL 100W/12	1763.8	1768.5	1770.9	1778.2	40.5

UVA Phototherapy Lamps

TL 40W/UVA	1199.4	1204.1	1206.5	1213.6	40.5
TL 100W/UVA	1763.8	1768.5	1770.9	1778.2	40.5

Dimension in mm

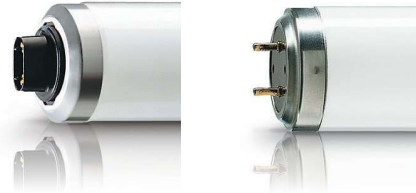
Type	A max	B max	C max	D1 max	D max
PL-S 9W/2P 01 Narrowband UVB	28.8	144.5	167.0	28.0	13.0
PL-S 9W/2P 12 Broadband UVB	28.8	144.5	167.0	28.0	13.0
PL-S 9W/2P 71 Special Blue (Jaundice)	28.8	144.5	167.0	28.0	13.0

Dimension in mm

PL-L 36W/4P 01 Narrowband UVB	384.2	410	416.6	39.0	18.0
PL-L 36/4P 360 UVA	384.2	410	416.6	39.0	18.0

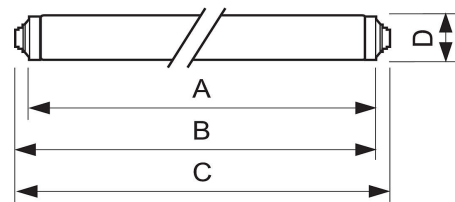
Dimension in mm

PL-L 18W/71 4P	188.2	214.0	220.6	39.0	18.0
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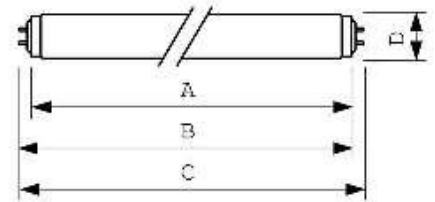


TL with RDC Cap (R17d)

TL with bi-pin cap (G13)



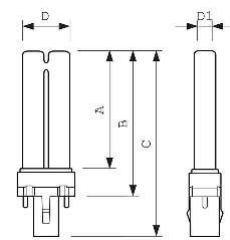
Dimension with RDC cap (r17d)



Dimension with bi-pin cap (G13)



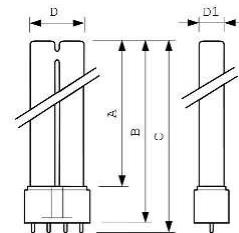
PL-S 9W



PL-S 9W G23



PL-L 18W / 36W



PL-L 18W / 36W 2G11

Due to vast variety of lamps and light source use in medical field, we are unable to list out all that is related.

However, if there are any lamps that are not found in this catalogue, please feel free to contact us.

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Provide us any of the followings, we **WILL** find the lamps for you.

- **PICTURE WITH DIMENSION**
- **LAMP WATTAGE & VOLTAGE**
- **EQUIPMENT'S MADE & MODEL**

While every efforts is being made to ensure that the information is as accurate as possible, as the products, photos, dimensions, diagram and data in this catalogue have been provided in good faith with help and support by our suppliers. However, we shall not be held responsible for any unforeseen errors that happen after the print.

Note
