



PHILIPS

Phototherapy lamps

**Your skin,
our care**

A close-up, high-resolution portrait of a woman's face, focusing on her eyes, nose, and lips. She has dark hair and is looking directly at the camera with a neutral expression. The lighting is soft and even, highlighting the texture of her skin.

Established technology for **Phototherapy**

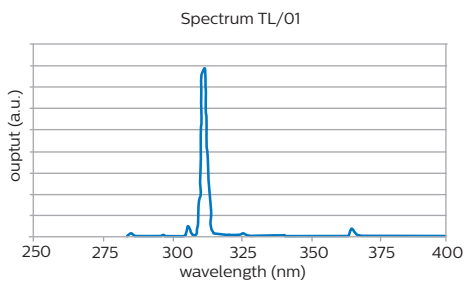
As the world's largest manufacturer of lighting products, Philips has applied its knowledge and experience to design a comprehensive range of highly effective Phototherapy lamps. These have been developed and tested in close cooperation with universities and clinics around the world. Insist on Philips Phototherapy lamps.

Philips UVB Narrowband (/01) Phototherapy lamps

The UVB Narrowband (/01) low-pressure fluorescent Phototherapy lamps are effective lamps for the treatment of Psoriasis. Philips introduced the very first UVB lamps and we've continued to develop and improve them for the last 20 years. Our application laboratory carries out research in close cooperation with universities all over the world. Based on this unmatched combination of experience and knowledge, Philips Lighting can offer the best advice to equipment manufacturers.

Applications:

- Psoriasis
- Parapsoriasis
- Vitiligo
- Atopic Dermatitis
- Mycosis fungoides
- Other skin diseases



Philips TL with RDC cap (R17d)



Philips TL with bi-pin cap (G13)



Philips PL-S 9W (G23)



Philips PL-L 36W (2G11)

Features

Emission peak at 311nm

Narrowband

World wide tested in more than 400 clinical tests

Benefits

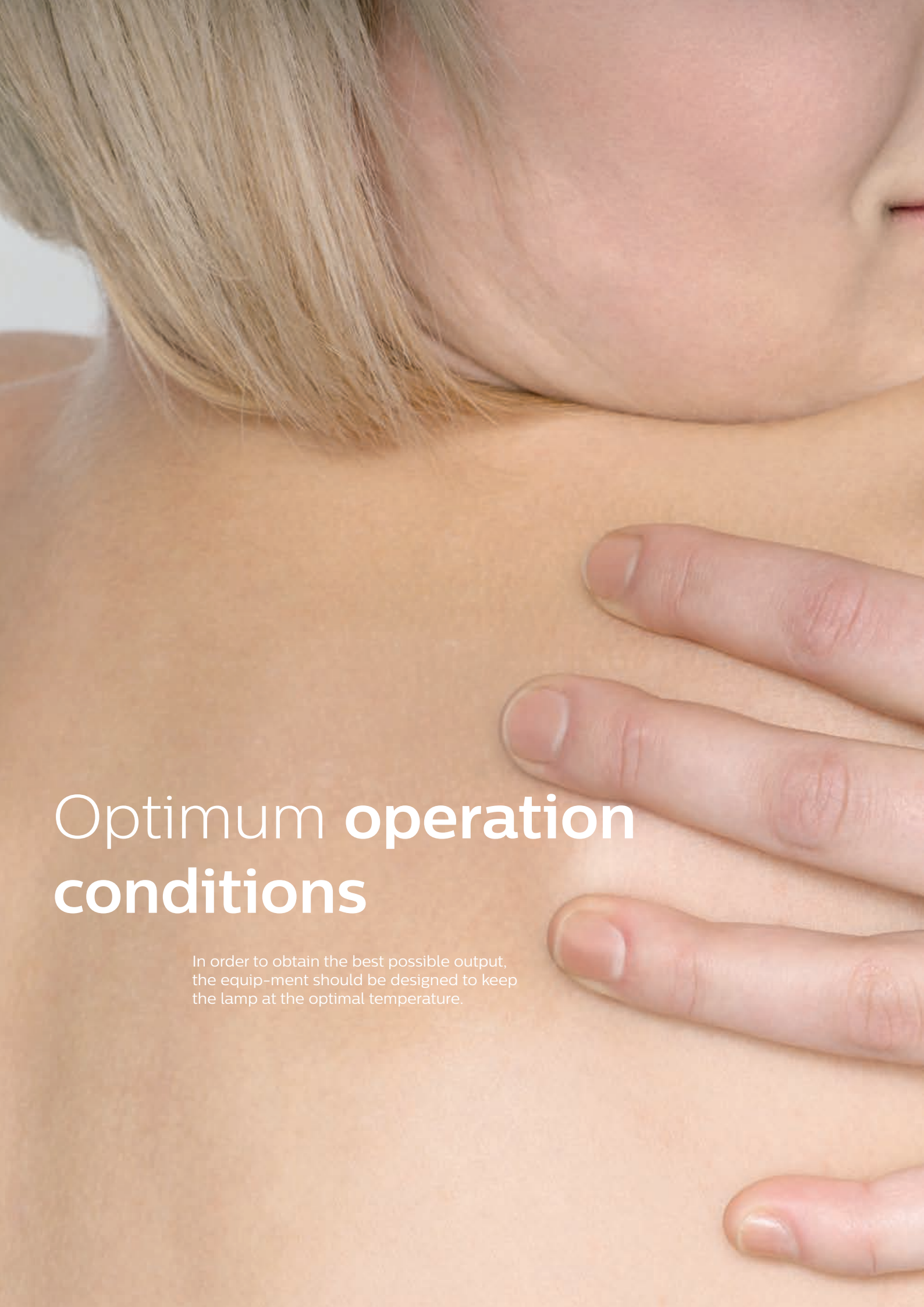
Minimum potential side effects like redness and itching

Shorter period of exposure and less erythema radiation than conventional UVB lamps

Proven technology

Philips UVB Narrowband (/01) Phototherapy lamps

Lamp type	Output UVB (W)	Lamp Voltage	Lamp Current	Cap/base	Packaging Configuration MOQ	Product code	Order code (EU)
Philips UVB Narrowband PL-S 9W/01	1.2	60	0.17	G23	6 x10 Box	9279 017 001 21	86891680
Philips UVB Narrowband PL-L 36W/01	5.6	106	0.43	2G11	25	9279 034 001 21	86889340
Philips UVB Narrowband TL 20W/01	3.3	59	0.37	G13	25	9280 100 001 01	63974540
Philips UVB Narrowband TL 40W/01	8.5	104	0.43	G13	25	9280 113 001 01	26474940
Philips UVB Narrowband TL 100W/01	19.5	126	0.97	RDC (R17d)	10	9280 349 001 29	61425425
Philips UVB Narrowband FS72 100W/01	19.5	126	0.97	RDC (R17d)	25	9279 785 001 29	26327840
Philips UVB Narrowband TL 120W/01	20.0	132	1.11	G13	25	9280 352 001 01	26483140

A close-up photograph of a person's face and hand. The person's head is tilted back, and their hand is resting on their neck. The skin is a warm, natural tone. The lighting is soft and even, highlighting the texture of the skin and the hair. The overall mood is calm and focused.

Optimum **operation** conditions

In order to obtain the best possible output,
the equip-ment should be designed to keep
the lamp at the optimal temperature.

Philips UVB Broadband (/12)

Phototherapy lamps

The UVB Broadband lamps emit radiation in the full 'B' bandwidth of the UV spectrum (280-320 nm) and are therefore suitable for phototherapy systems designed to treat skin diseases such as psoriasis.



Philips TL with RDC cap (R17d)



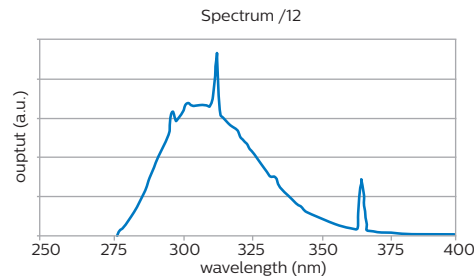
Philips TL with bi-pin cap (G13)



Philips PL-S 9W (G23)

Applications:

- Psoriasis
- Parapsoriasis
- Vitiligo
- Atopic Dermatitis
- Mycosis fungoides
- Other skin diseases



Features

Emission range from 280-350 nm

Benefits

Can be administered with or without photosensitizing agent

Philips UVB Narrowband (/01) Phototherapy lamps

Lamp type	Output UVB (W)	Lamp Voltage	Lamp Current	Cap/ base	Packaging Configuration MOQ	Product code	Order code (EU)
Philips UVB Broadband PL-S 9W/12	0.8	60	0.17	G23	6x10 Box	9279 017 012 07	62625780
Philips UVB Broadband TL 20W/12	2.4	59	0.37	G13	25	9280 100 012 01	62883140
Philips UVB Broadband TL 40W/12	6.3	104	0.43	G13	25	9280 113 012 01	62886240
Philips UVB Broadband TL 100W/12	14.3	126	0.97	RDC (R17d)	25	9280 349 012 29	61428525



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 dose.

Philips UVB therapy lamps (/01 and /12) are sold through distributors who agree to sell these lamps only as medical lamps.

The lamps should only be used for the treatment of Psoriasis under doctor supervision.

Philips UVA (/09)

Phototherapy lamps (PUVA)

Some patients do not respond to UVB treatment. In these cases UV lamp with an 'A' bandwidth of the UV spectrum is used. This (PUVA) lamp has a wavelength of 315 to 380 nm and is in addition to the treatment of psoriasis also commonly used for more than 20 other diseases. Philips offers UVA lamps in TL, PLS and PLL versions.



Philips TL with bi-pin cap (G13)



Philips PL-S 9W (G23)

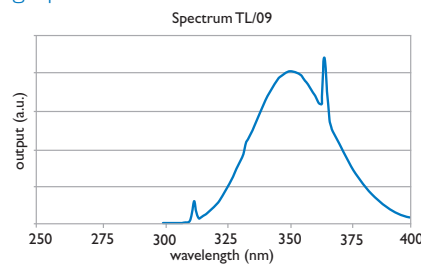


Philips PL-L 36W (2G11)

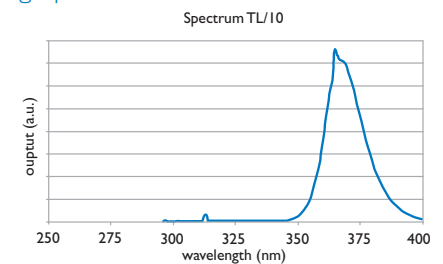
Applications:

- Psoriasis
- Parapsoriasis
- Vitiligo
- Atopic Dermatitis
- Mycosis fungoides

graph 1



graph 2



Features

Emission peak at 350 nm

Benefits

Optimal spectrum for PUVA therapy

Philips UVA (/09) Phototherapy lamps (graph 1)

Lamp type	Output UVA (W)	Lamp Voltage	Lamp Current	Cap/ base	Packaging Configuration MOQ	Product code	Order code (EU)
Philips PL-L UVA 36W	8.0	106	0.435	2G11	25	9279 034 009 07	61410040
Philips TL-K UVA 40W	7.8	50	0.86	G13	25	9280 031 209 12	62830540
Philips TL UVA 100W	28.5	125	0.94	G13	25	9280 043 209 07	26877840
Philips TL UVA 100W-R	27.5	125	0.94	G13	25	9280 057 209 12	62838140

Philips UVA-1 (/10) Phototherapy lamps (graph 2)

Lamp type	Output UVA (W)	Lamp Voltage	Lamp Current	Cap/ base	Packaging Configuration MOQ	Product code	Order code (EU)
Philips TL-K UVA-1 40W-R	8.0	50	0.86	G13	25	9280 041 010 12	61223640
Philips TL UVA-1 100W-R	28.0	126	0.94	G13	25	9280 069 010 12	61281640
Philips PL-S 9W UVA-1	1.95	60	0.17	G13	6x10 box	9280 017 210 14	92988100
Philips PL-L 36W UVA-1	8.5	106	0.435	2G11	25	9279 034 210 14	84160200



Philips Jaundice (/52)

Phototherapy lamps

By emitting light almost entirely within the 400 to 500 nm bandwidth these Medical Therapy Jaundice /52 lamps have no radiation in the UV range. 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.

Applications:

- Medical treatment of jaundice in new-born babies (hyperbilirubinemia)
- Crigler - Najjar (CN) syndrome



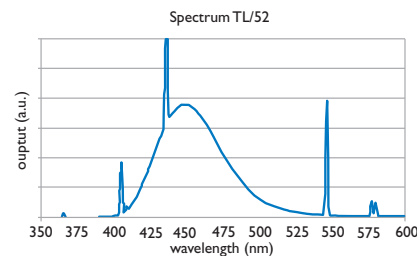
Philips TL-D (G13)



Philips TL with bi-pin cap (G13)



Philips PL-S 9W (2G11)



Philips PL-L 18W/52/4P (2G11)

Features

Emission peak at 450 nm

Benefits

Optimal spectrum for photo-oxidative process to convert unconjugated bilirubin into a watersoluble form

Philips Jaundice (/52) Phototherapy lamps

Lamp type	Output (lm)	Lamp Voltage	Lamp Current	Cap/ base	Packaging Configuration MOQ	Product code	Order code (EU)
Philips PL-L 18W/52	360	57	0.375	2G11	25	9279 041 052 06	80517800
Philips TL 20W/52	340	59	0.37	G13	25	9280 035 052 03	64302540
Philips TL-D 18W/52	395	59	0.36	G13	25	9280 480 052 11	83485700
Philips PL-S 9W/52	130	60	0.17	G13	6x10 box	9279 017 052 03	64471880

Philips Lumino therapy lamps for treating Seasonal Affective Disorder (SAD), also known as “winterblues”

Lamp type	Output (lm)	Lamp Voltage	Lamp Current	Cap/ base	Packaging Configuration MOQ	Product code	Order code (EU)
Philips PL-L 36W/953/4p*	2350	106	0.43	2G11	25	9279 034 953 01	64410740

* For treatment of Seasonal Affective Disorder (SAD)

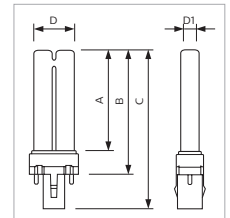
Product dimensions

Lamp type	A max	B min	C max	D max	D1 max
Philips PL-S 9W	128.8	144.5	167.0	28.0	13.0

Dimensions in mm



Philips PL-S 9W

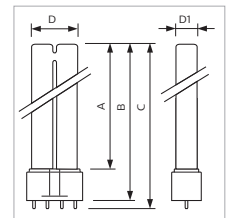


Philips PL-S 9W

Lamp type	A max	B min	C max	D max	D1 max
Philips PL-L 36W	384.2	410.0	416.6	39.0	18.0



Philips PL-L 36W

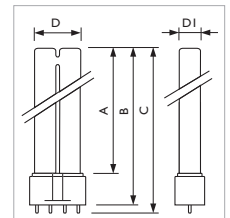


Philips PL-L 36W

Lamp type	A max	B min	C max	D max	D1 max
Philips UV PL-L 18W/52 4P	188.2	214.0	220.6	39.0	18.0



Philips PL-L 18W/52/4P



Philips 18W/52/4P

Product dimensions

Lamp type	A max	B min	B max	C max	D max
UVB Narrowband (/01) Phototherapy lamps					
Philips TL 20W/01	589.8	594.5	596.9	604	40.5
Philips TL 40W/01	1199.4	1204.1	1206.5	1213.6	40.5
Philips TL 100W/01 RDC	1763.8	1768.5	1770.9	1782.2	40.5
Philips TL 100W/01-F72 RDC	1755.7	1760.4	1762.8	1774.6	40.5
Philips TL 120W/01	2000	2004.7	2007.1	2014.2	40.5

UVB Broadband (/12) Phototherapy lamps					
Philips TL 20W/12	589.8	594.5	596.9	604	40.5
Philips TL 40W/12	1199.4	1204.1	1206.5	1213.6	40.5
Philips TL 100W/12 RDC	1763.8	1768.5	1770.9	1782.2	40.5

Jaundice (/52) Phototherapy lamps					
Philips TL 20W/52	589.8	594.5	596.9	604	40.5
Philips TLD 18W/52	589.8	594.5	596.9	604	28

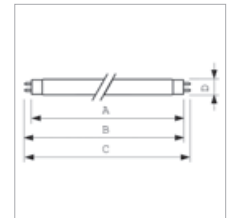
UVA (/09) Phototherapy lamps					
Philips TL-K UVA 40W	589.8	594.5	596.9	604	40.5
Philips TL 100W/09-R	1763.8	1768.5	1770.9	1778	40.5

UVA-1 (/10) Phototherapy lamps					
Philips TLK 40W/10 R	589.8	594.5	596.9	604	40.5
Philips TL 100W/10 R	1763.8	1768.5	1770.9	1778	40.5

Note: For (/09) and (/10), Philips also has other lamp wattages commercially available and can be provided on request for manufacturers or for trial purposes.



Philips TL-D (G13)



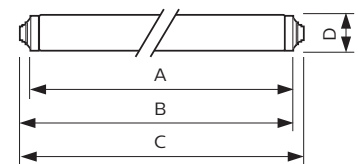
Philips TL-D (G13)



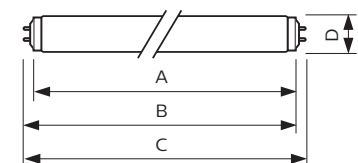
Philips TL with RDC cap (R17d)



Philips TL with bi-pin cap (G13)



Dimensions with RDC cap (R17d)



Dimensions with bi-pin cap (G13)

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