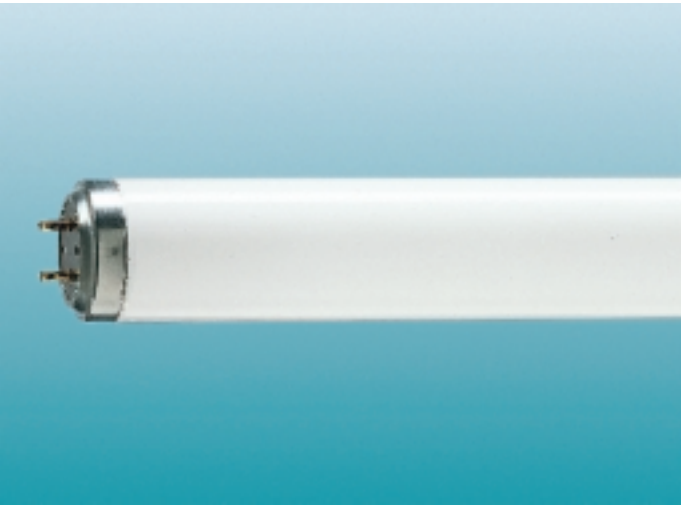
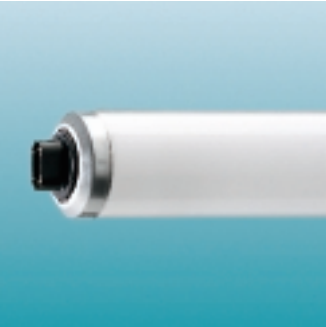


Special fluorescent lamps

Medical/therapy



'TL' 20/40W



'TL' 100W



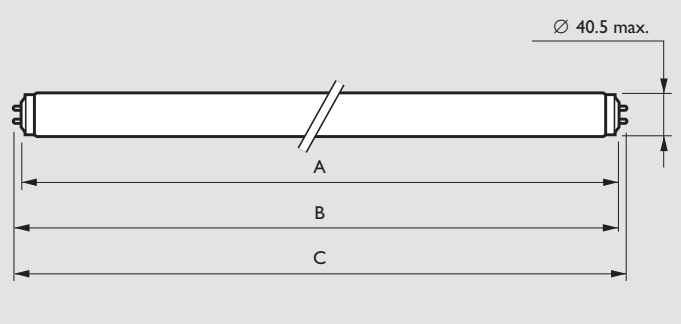
PL-S 9W

Low-pressure mercury vapour fluorescent lamps emitting radiation for therapeutic and other applications. The compact, single-ended PL-S 9W/12 2P contain, built into the lamp base, a specially adapted starter; which provides almost instant starting characteristics. The PL-S 9W/12 lamps have the same lamp caps and can operate on the same universal ballasts as PL-S 9W lamps for general lighting. The tubular 'TL' 20W/01, /12 RS and 'TL' 40W/12 RS lamps can be operated in normal switch-start as well as pre-heat rapid-start systems.

In medical applications, the /01 and /12 lamps are mainly used for the treatment of psoriasis; /52 lamps are mainly used for the treatment of hyperbilirubinaemia.

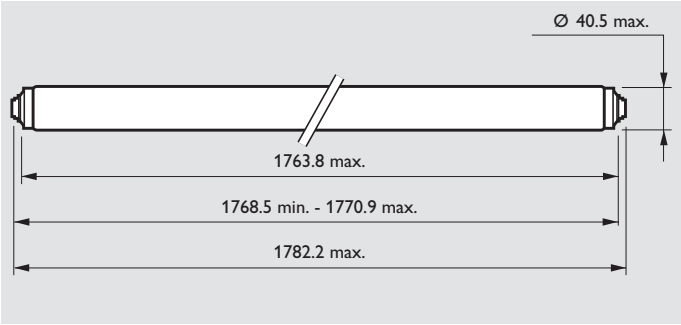
Note
UV-B radiation is harmful to human skin and eyes. These lamps are therefore only available for medical and industrial applications.

- Applications**
- /01, /12
Phototherapy in dermatology (psoriasis, SUP).
 - /12
Meteorological testing equipment.
 - /52
Medical treatment of jaundice in new-born babies (hyperbilirubinaemia).

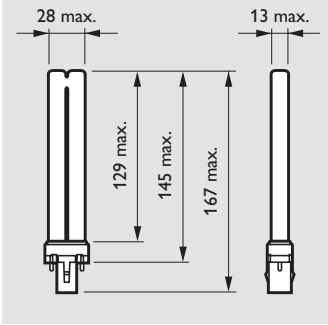


Type	A max.	B min.	B max.	C max.
'TL' 20W 01/12 RS	589.8	594.5	596.9	604.0
'TL' 40W /12 RS	1199.4	1204.1	1206.5	1213.6
'TL' 20W /52	589.8	594.5	596.9	604.0

Dimensions in mm



'TL' 100W /01/12

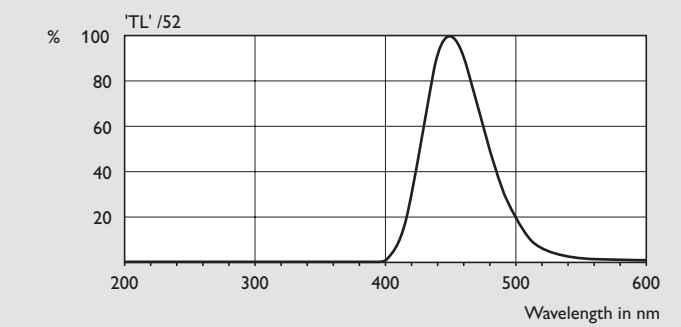
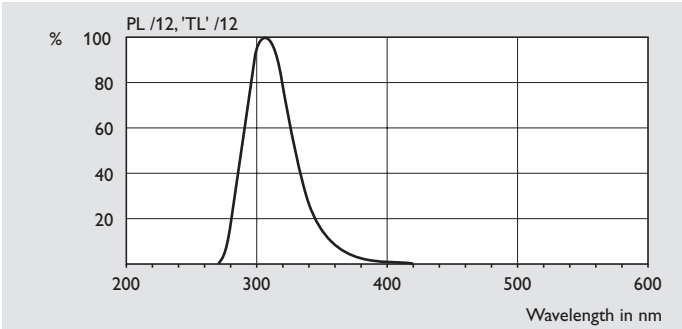
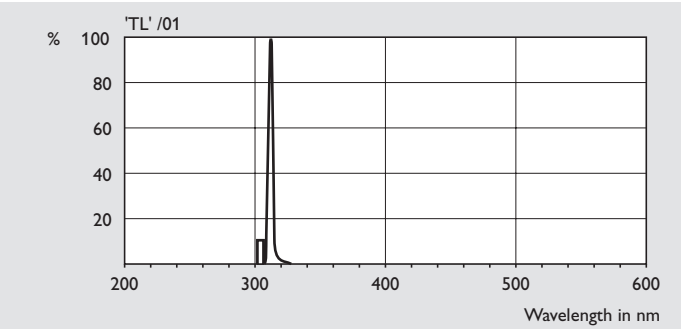


PL-S 9W /12 G23



PHILIPS

Type	Cap/ base	Lamp voltage V	Lamp current A	Lamp wattage W	Colour designation	UV-B radiation W	Useful life h	Depreciation 2000 hrs %	Nett weight g	Ordering number	EOC
/01											
'TL'20W /01RS	G13	57	0.37	20	UV-B	1.90	3000	20	156	9280 100 00100	639745
'TL'100W /01	R17D	122	0.97	100	UV-B	15	3000	20	410	9280 349 00100	614254
/12											
'TL'20W /12RS	G13	57	0.37	20	UV-B	1.80	3000	20	156	9280 100 01200	628831
'TL'40W /12RS	G13	101	0.43	40	UV-B	4.50	3000	20	292	9280 113 01200	628862
'TL'100W /12	R17D	122	0.97	100	UV-B	11	2000	20	410	9280 349 01200	614285
PL-S9W /12	G23	60	0.17	9	UV-B	0.75	3000		41	9279 017 01200	626257
/52											
'TL'20W /52	G13	57	0.37	20	MEDICAL		2000	20	156	8222 206 80700	612205



Spectral power distributions