



Tubular, circular or compact single-ended low-pressure mercury vapour fluorescent lamps emitting long-wave UV radiation between 350 and 400 nm. The UV-B/UV-A ratio is less than 0.1 % (UV-B: 280-315 nm). R(Reflector) lamps have an internal reflector of 200 °. The PL-S /10 lamp consists of two single-ended fluorescent tubes melted together; its lamp base contains a specially adapted starter, providing almost instant starting characteristics. PL-S /10 lamps can operate on the same universal ballast as other PL-S lamps.

### Note

UV can be harmful when used in the wrong way. To ensure safe use, the instructions of the equipment manufacturer should be closely followed.

### Applications

- Insect traps (Actinic BL)
- Reprography
- Photopolymerisation processes
- PL-S: nail curing, insect traps.

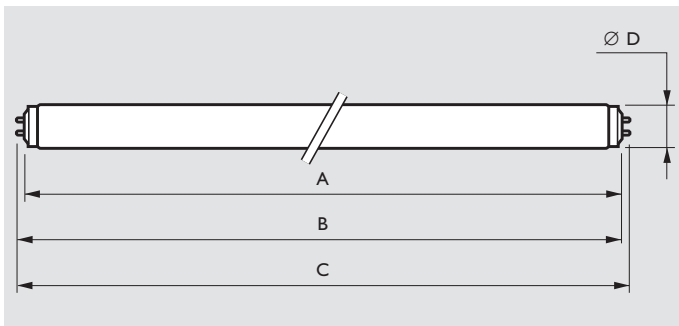
'TL'



'TL'E

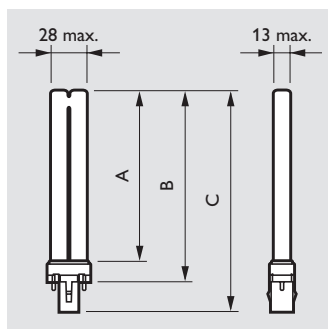


PL-S 2P



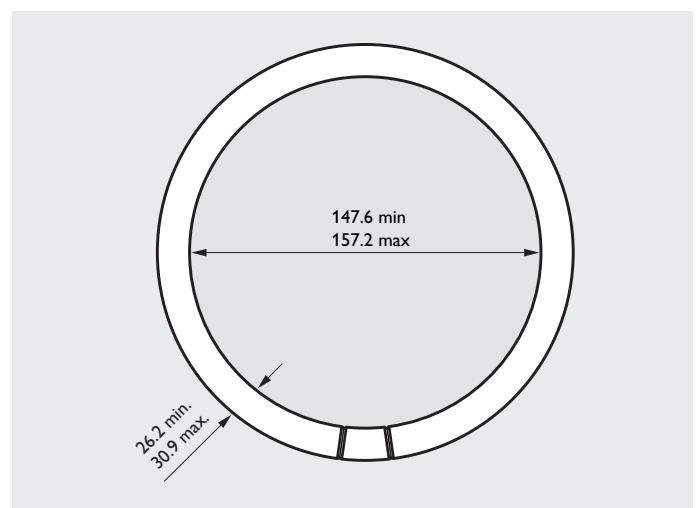
Dimensions in mm

Type	A max.	B min.	B max.	C max.	D max.
'TL'D 15W	437.4	442.1	444.5	451.6	28.0
'TL' 20W	598.8	594.5	596.9	604.0	40.5
'TL'K 40W (R)	598.8	594.5	596.9	604.0	40.5
'TL' 60W R	1199.4	1204.1	1206.5	1213.6	40.5
'TL' 80W R	1500.0	1504.7	1507.1	1514.2	40.5
'TL' 100W R	1763.8	1768.5	1770.9	1778.0	40.5
'TL' 140W	1500.0	1504.7	1507.1	1514.2	40.5
'TL' 176D38 (R)	1778.0	1768.5	1770.9	1778.0	40.5



PL-S 2P

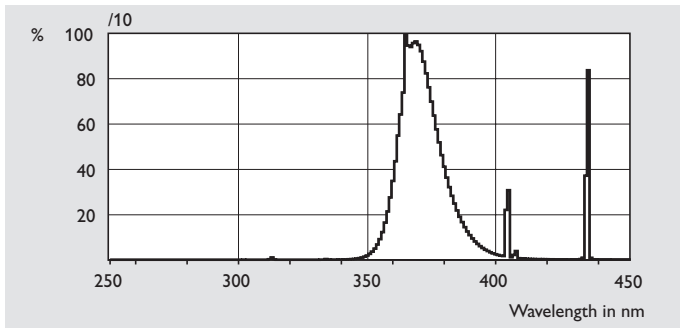
Type	A max.	B max.	C max.
PL-S 9W/2P	129	145	167
PL-S 11W/2P	198	214	236



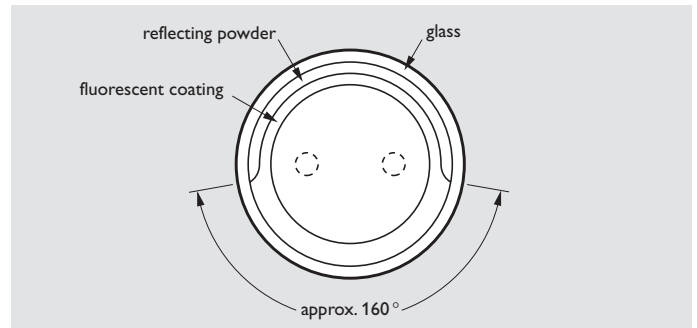
'TL'E



Type	Cap/ base	Lamp voltage V	Lamp current A	Lamp wattage W	UV-A radiation W	Useful life h	Depreciation 1000 hrs %	Nett weight g	Ordering number	EOC
<b>/10 UV-A</b>										
'TL'D 15W /10	G13	51	0.34	15	3.5	5000	15	75	9280 248 01000	710932
'TL' 20W /10	G13	57	0.37	20	4.5	5000	15	156	9280 035 01000	710918
'TL'K 40W /10	G13	50	0.86	40	8.2	3000	20	156	9280 291 01000	710895
'TL'K 40W /10 -R	G13	50	0.86	40	7.4	3000	20	156	9280 041 01000	612236
'TL' 60W /10 -R	G13	102	0.70	60	15.8	1000	20	292	9280 084 01000	615725
'TL' 80W /10 -R	G13	110	0.83	80	20.5	1000	20	360	9280 059 01000	612625
'TL' 100W /10 -R	G13	122	0.97	100	26.6	1000	20	410	9280 069 01000	612816
'TL' 140W /10	G13	118	1.46	140	37.0	1000	20	360	9280 127 01000	705600
'TL' 176D38 /10	G13	112	1.48	140	38.2	1000	20	410	9279 500 01000	613059
'TL' 176D38 /10 -R	G13	112	1.48	140	31.7	1000	20	410	9279 501 01000	613028
'TL'E 22W /10	G10Q	62	0.40	22	3.9	4000	15	135	9280 262 01000	285133
'TL'E 32W /10	G10Q	59	0.48	26	4.6	4000	15	135	9280 262 01000	866691
<b>/10 UV-A</b>										
PL-S 9W /10	G23	60	0.17	9	1.9	2000	20	41	9279 017 01000	611154
PL-S 11W /10	G23	89	0.16	11	3.1	2000	20	58	9279 023 01000	-



Spectral power distribution



Cross-section R-version

