

Special fluorescent lamps

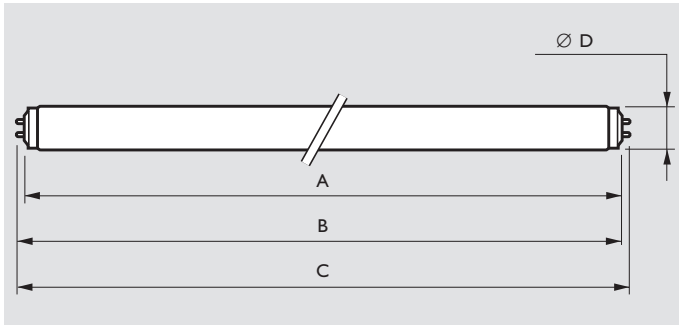
Super Actinic lamps, colour /03



'TL'D Ø 26 mm



'TL' Ø 38 mm



Dimensions in mm

Tubular low-pressure mercury vapour discharge lamps. The tube wall is internally coated with a white fluorescent powder. This powder converts the short-wave UV radiation, produced by the mercury gas discharge, into useful actinic radiation. 'TL' /03 lamps emit radiation between 380 and 480 nm with a maximum at 420 nm. The spectral distribution of the 'TL' /03 lamps is in accordance with the spectral sensitivity of a number of diazo papers used in diazo copying machines.

To reveal the true beauty of seawater aquaria, 'TL' /03 'AQUA CORAL' lamps can be used in combination with full-spectrum 'Natural Daylight' fluorescent lamps.

Applications

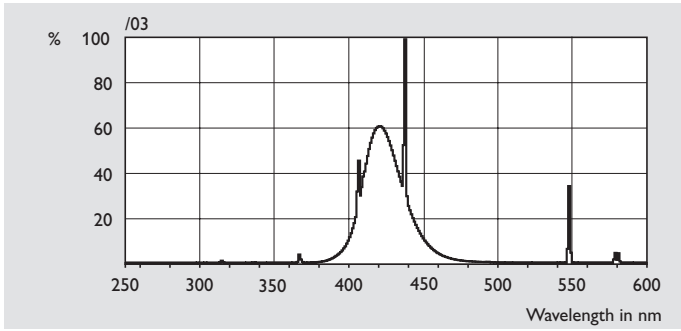
- Diazo copying machines.
- Seawater aquaria.
- Phototherapy (treatment of jaundice in new born infants).

Type	A max.	B min.	B max.	C max.	D max.
'TL'D 15W /03	437.4	442.1	444.5	451.6	28.0
'TL'D 18W /03	589.8	594.5	596.9	604.0	28.0
'TL' 20W /03 RS	589.8	594.5	596.9	604.0	40.5
MCFE 20W /03	589.8	594.5	596.9	604.0	40.5
'TL' 30W /03 RS	894.6	899.3	901.7	908.8	40.5
'TL'D 30W /03	894.6	899.3	901.7	908.8	28.0
'TL'DK 30W /03	437.4	442.1	444.5	451.6	28.0
'TL'D 36W /03	1199.4	1204.1	1206.5	1213.6	28.0
'TL' 40W /03 RS	1199.4	1204.1	1206.5	1213.6	40.5
'TL'K 40W /03	589.8	594.5	596.9	604.0	40.5
'TL' 140W /03	1500.0	1504.7	1507.1	1514.2	40.5

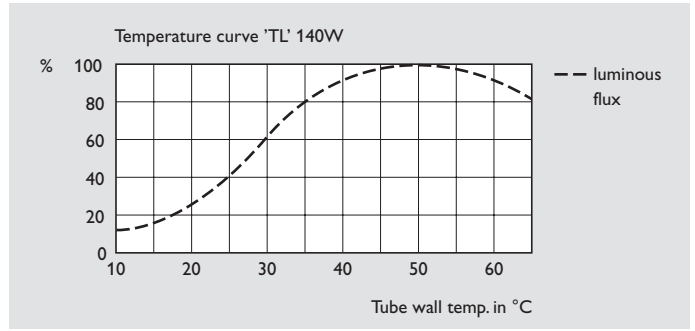
Type	Cap/ base	Lamp voltage V	Lamp current A	Diazo watts W	UV-A radiation W	Useful life h	Depreciation 2000 hrs %	Nett weight g	Ordering number
'TL'D 15W /03	G13	51	0.34	2.80	0.10	3000	20	76	9280 248 00300
'TL'D 18W /03	G13	59	0.36	3.70	0.14	3000	25	100	9280 480 00300
'TL' 20W /03 RS	G13	57	0.37	3.60	0.14	3000	15	156	9280 100 00300
MCFE 20W /03	G13	57	0.37	3.60	0.14	3000	15	156	9280 157 00300
'TL' 30W /03 RS	G13	81	0.41	6.50	0.25	3000	20	222	9280 105 00300
'TL'D 30W /03	G13	98	0.36	6.90	0.27	3000	25	145	9280 254 00300
'TL'DK 30W /03	G13	45	0.81	4.80	0.17	2000	40	76	9280 195 00300
'TL'D 36W /03	G13	103	0.44	9.00	0.35	3000	25	186	9280 485 00300
'TL' 40W /03 RS	G13	101	0.43	9.20	0.35	3000	15	292	9280 113 00300
'TL'K 40W /03	G13	50	0.86	6.40	0.25	2000	30	156	9280 291 00300
'TL' 140W /03	G13	118	1.46	30.40	1.00	2000	35	360	9280 127 00300

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Spectral power distribution



Temperature dependency diagram

