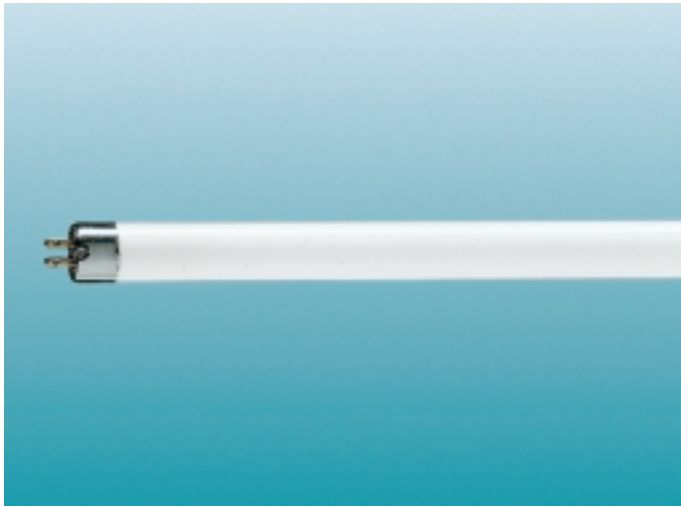


# Fluorescent lamps

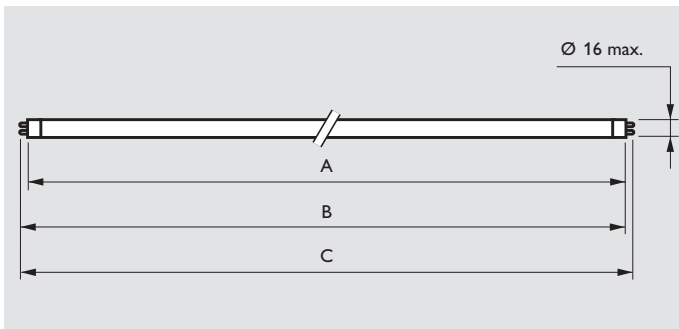
## 'TL' Standard colours Miniature



Low-pressure mercury discharge lamps with double-ended lamp connection. The tubular 16 mm envelope is internally coated with halophosphor.

### Applications

'TL' Standard colour Miniature lamps are ideal for applications where space is limited. Examples: Hall and staircase lighting in apartment buildings, traffic beacons and signs, embodied in furniture, mirror and cupboard lighting, emergency lighting, small lighting units in yachts or caravans, usually on low-voltage DC operation.



Dimensions in mm

Type	A max.	B min.	B max.	C max.
'TL' 4W	135.9	140.6	143.0	150.1
'TL' 6W	212.1	216.8	219.2	226.3
'TL' 8W	288.3	293.0	295.4	302.5
'TL' 13W	516.9	521.6	524.0	531.1



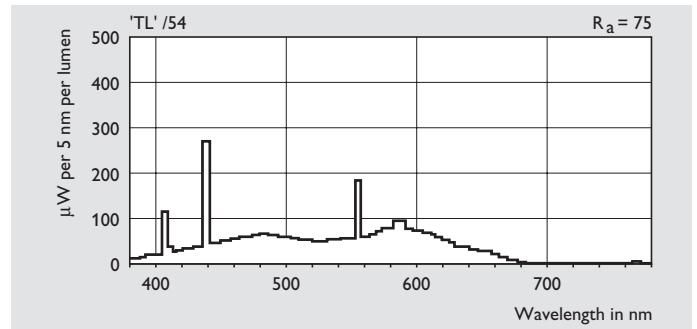
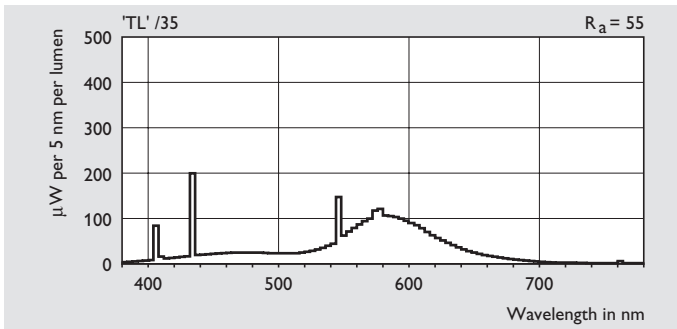
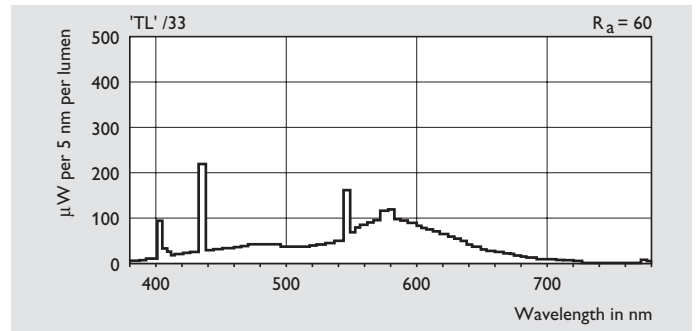
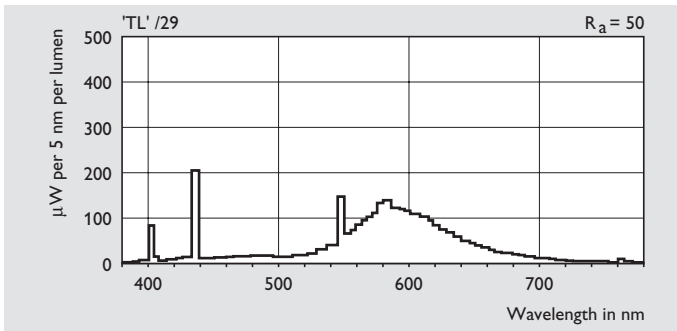
Type	Cap/ base	Lamp voltage V	Lamp current A	Colour designation	Correlated colour temperature K	Lumen output lm	Average luminance cd/cm <sup>2</sup>	Nett weight g	Ordering number	EOC
<b>/29</b>										
'TL' 6W /29	G5	42	0.16	WARM WHITE	2900	280	0.85	22.0	9280 005 02900	715791
'TL' 8W /29	G5	56	0.15	WARM WHITE	2900	410	0.90	29.0	9280 010 02900	-
'TL' 13W /29	G5	90	0.17	WARM WHITE	2900	930	1.10	45.0	9280 015 02900	-
<b>/33</b>										
'TL' 4W /33	G5	29	0.17	COOL WHITE	4100	140	0.70	16.3	9280 000 03300	615688
'TL' 6W /33	G5	42	0.16	COOL WHITE	4100	280	0.85	22.0	9280 005 03300	-
'TL' 6W /33*	G5	42	0.16	COOL WHITE	4100	260	0.85	22.0	9279 735 03300	-
'TL' 8W /33	G5	56	0.15	COOL WHITE	4100	410	0.90	29.0	9280 010 03300	-
'TL' 8W /33*	G5	56	0.15	COOL WHITE	4100	380	0.90	29.0	9279 740 03300	641069
'TL' 13W /33	G5	90	0.17	COOL WHITE	4100	930	1.10	45.0	9280 015 03300	-
<b>/35</b>										
'TL' 6W /35	G5	42	0.16	WHITE 3500	3500	265	0.80	22.0	9280 005 03500	715937
'TL' 8W /35	G5	56	0.15	WHITE 3500	3500	390	0.85	29.0	9280 010 03500	716170
'TL' 13W /35	G5	90	0.17	WHITE 3500	3500	855	1.00	45.0	9280 015 03500	716675
<b>/54</b>										
'TL' 6W /54	G5	42	0.16	COOL DAYLIGHT	6200	230	0.70	22.0	9280 005 05400	715975
'TL' 8W /54	G5	56	0.15	COOL DAYLIGHT	6200	340	0.75	29.0	9280 010 05400	716286
'TL' 13W /54	G5	90	0.17	COOL DAYLIGHT	6200	740	0.90	45.0	9280 015 05400	716712

\* Average rated life 5000 hrs.

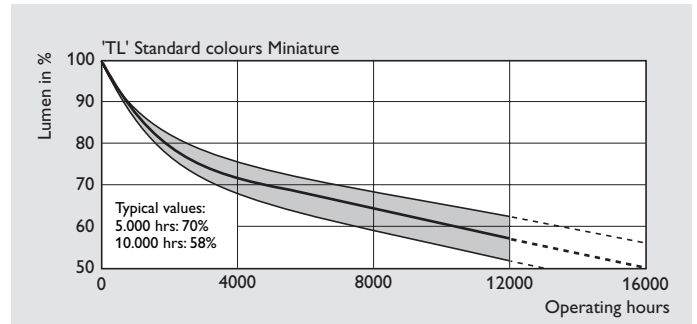
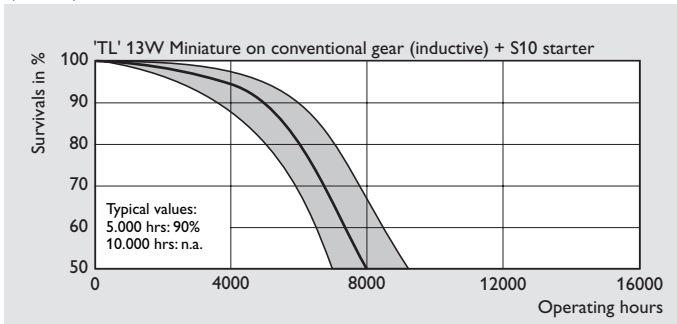


# Fluorescent lamps

## 'TL' Standard colours Miniature

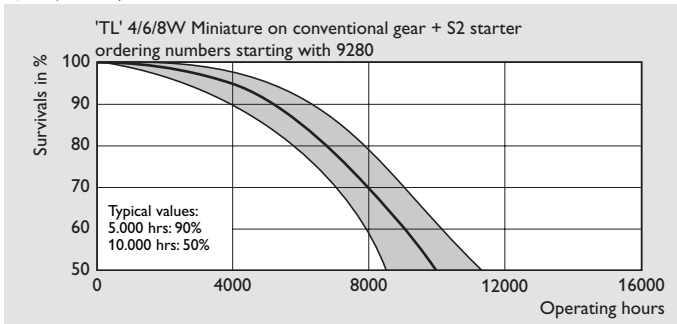


Spectral power distributions

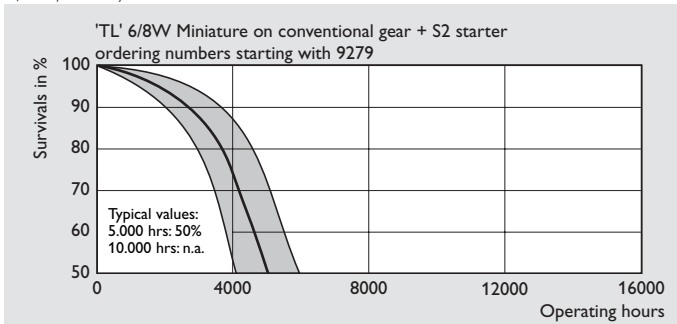


Life expectancy

Lumen maintenance



Life expectancy



Life expectancy

