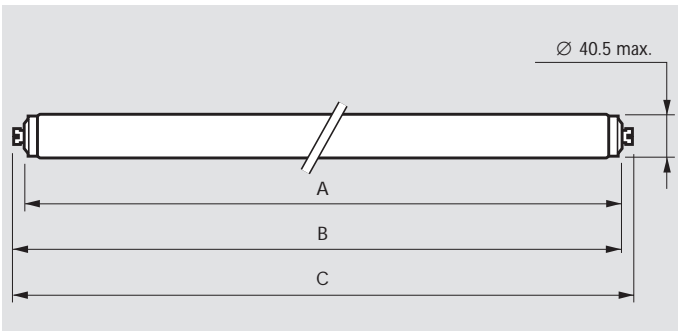


Fluorescent lighting is efficient and economical. The efficacy (lumen/watt) of all fluorescent lamps is high compared to most other light sources. TL-S lamps are low-pressure mercury discharge lamps with a clear tubular 38 mm envelope. The tube wall is internally covered with a mixture of fluorescent powders. TL-S lamps have an internal ignition strip for instant start, non-preheat, starterless operation. The lamps are provided with a special R18s lamp cap, which requires a special lampholder.

TL-S Standard colours have a moderate colour rendering index (CRI 50-70). TL-S Standard colours are mostly used in applications where colour rendering is not an important factor. The colour designation of TL-S lamps creates a certain atmosphere. It varies from warm white to cool daylight. The colour designation is determined by the colour temperature of the lamp.

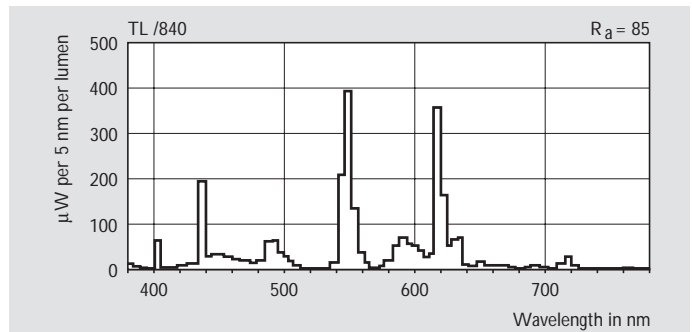
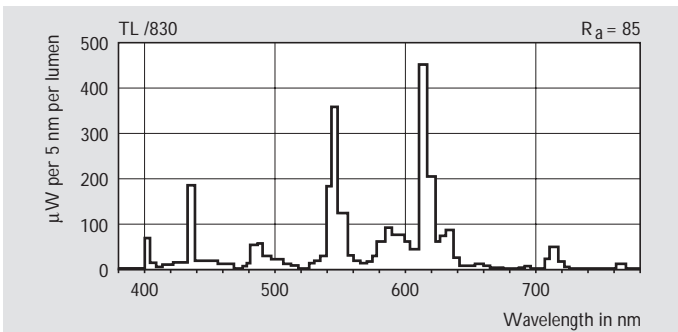
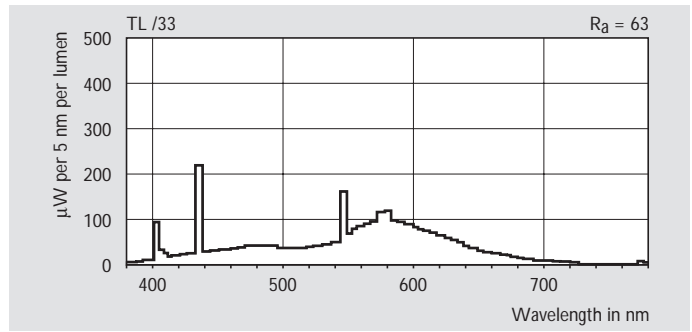
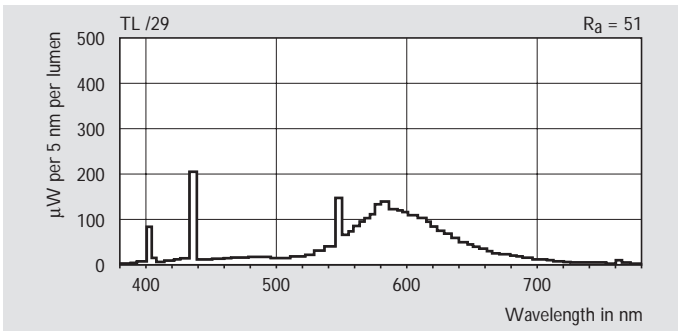


Dimensions in mm

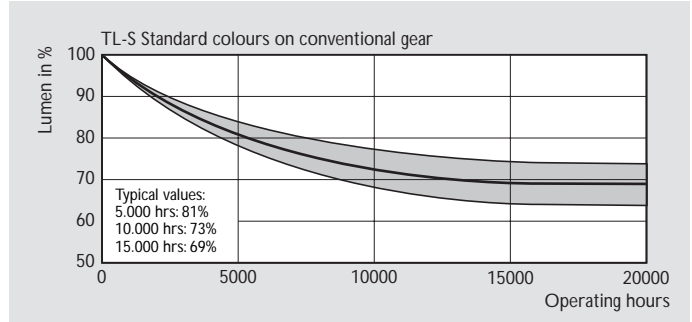
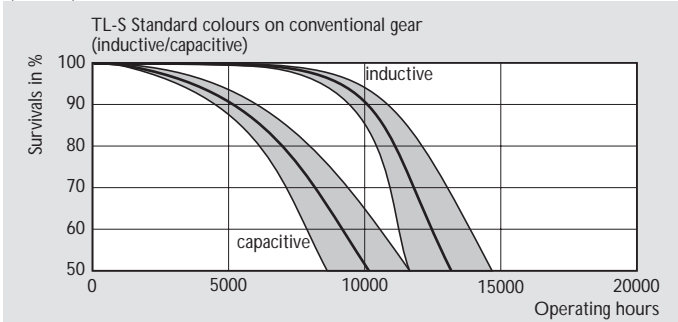
Type	A max.	B min.	B max.	C max.
TL-S 20W	573.9	580.5	583.1	591.4
TL-S 40W	1183.5	1190.1	1192.7	1201.0



Commercial name	Type	Cap/base	Lamp voltage V	Lamp current A	Colour designation	Correlated colour temperature K	Lumen output lm	Average luminance cd/cm ²	Nett weight g	EOC
/29	TL-S 20W /29	R18s	58	0.39	WARM WHITE	2900	1000	0.55	156	725639
/33	TL-S 20W /33	R18s	58	0.39	COOL WHITE	4100	950	0.52	156	725691
/830	TL-S 40W /33	R18s	109	0.42	COOL WHITE	4100	2350	0.60	292	725844
/840	TL-S 20W /830	R18s	57	0.37	WARM WHITE	3000	1060	0.60	156	619334
	TL-S 40W /830	R18s	103	0.43	WARM WHITE	3000	2600	0.65	292	619273
	TL-S 20W /840	R18s	57	0.37	COOL WHITE	4000	1060	0.60	156	619365
	TL-S 40W /840	R18s	103	0.43	COOL WHITE	4000	2600	0.65	292	619396

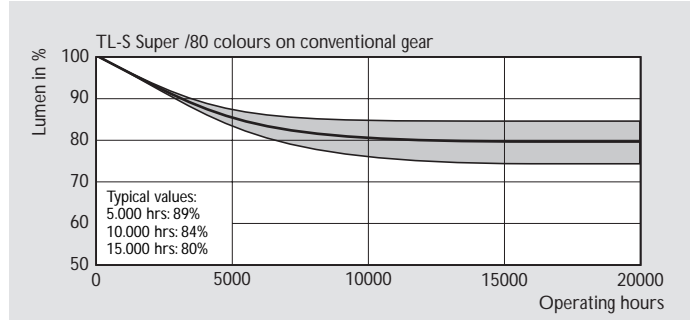
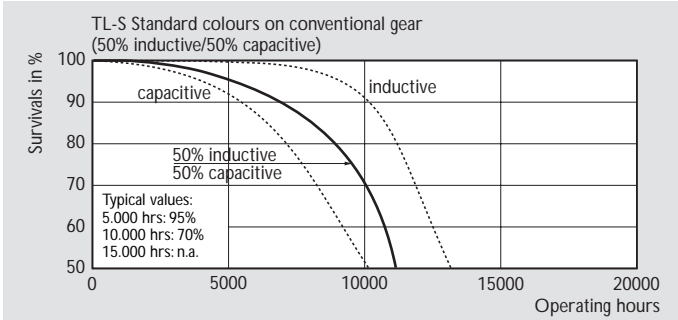


Spectral power distributions



Life expectancy

Lumen maintenance



Life expectancy

Lumen maintenance

