

T8 UNIVERSAL THERMO - 18 W, 36 W, 58 W

Nominal wattage (W)	18		36		58	
Nominal length (mm)	590		1200		1500	
Diameter Tube / Lamp (mm)	38 / 26		38 / 26		38 / 26	
Weight (g)	220		430		550	
Colour Rendering Index CRI	≥ 80		≥ 80		≥ 80	
Temp. for max. luminous flux (°C)	15		10		5	
Light Colour	830	840	830	840	830	840
Correlated Colour Temp. CCT (K)	3000	4000	3000	4000	3000	4000
Nominal Luminous flux ¹⁾ @ 25 °C (lm)	1250	1250	3200	3200	5000	5000
Lamp efficacy ¹⁾ @ 25 °C (lm/W)	69	69	89	89	86	86
Energy Class	A		A		A	
kW/1000 hrs	21,98	21,98	42,31	42,31	67,09	67,09

Electrical Data	Magn. ²⁾	Rated Wattage (W)	18	36	58
		Lamp voltage (V)	56	102	110
		Lamp current (A)	0.370	0.430	0.670
Electr. ³⁾		Lamp voltage (V)	55	102	111
		Lamp current (A)	0.290	0.320	0.455

LLMF - Lamp Lumen Mainte. Factor - Mag	2,000 h	1
	4,000 h	0,98
	6,000 h	0,97
	8,000 h	0,96
	12,000 h	0,95
	16,000 h	0,93
	20,000 h	0,91
	24,000 h	0,91
	36,000 h	0,9
	48,000 h	0,9
LSF - Lamp Survival Factor - Mag	2,000 h	1
	4,000 h	1
	6,000 h	1
	8,000 h	1
	12,000 h	1
	16,000 h	1
	20,000 h	1
	24,000 h	1
	36,000 h	1
	48,000 h	0,98
60,000 h	0,9	

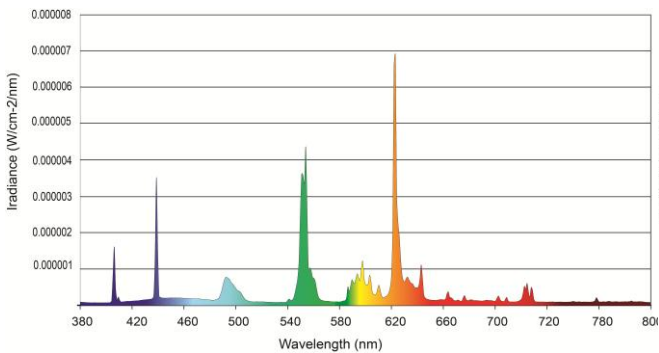
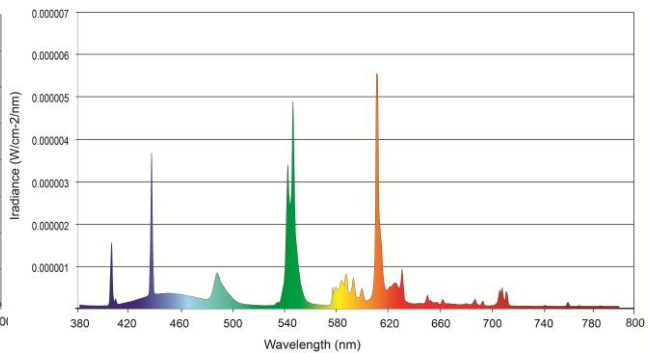
LLMF - Lamp Lumen Mainte. Factor - Elect	2,000 h	1
	4,000 h	0,98
	6,000 h	0,97
	8,000 h	0,96
	12,000 h	0,96
	16,000 h	0,94
	20,000 h	0,94
	24,000 h	0,93
	36,000 h	0,9
	48,000 h	0,9
60,000 h	0,9	
80,000 h	0,9	

LSF - Lamp Survival Factor - Elect	2,000 h	1
	4,000 h	1
	6,000 h	1
	8,000 h	1
	12,000 h	1
	16,000 h	1
	20,000 h	1
	24,000 h	1
	36,000 h	1
	48,000 h	1
	60,000 h	0,98
	80,000 h	0,9

Dimmable	Yes
Cap	G13
Mercury content (mg)	3.5
IEC	60081

Life time	Operation	
	Magnetic	Electronic
Switching cycle		
3 h (2:45 on, 0:15 off)	36,000 h	50,000 h
12 h (11 h on, 1 h off)	43,000 h	60,000 h
1 Switch Continuous Burning	46,000 h	63,000 h

- 1) after 100 h
- 2) Magnetic Ballast
- 3) Electronic Ballast (≥ 20 kHz)

Spectral distribution 830

Spectral distribution 840


Packing data	18 W	36 W	58 W
Box size (mm)	640 x 220 x 220	1240 x 220 x 220	1550 x 220 x 220
Lamps per box (pcs)	25	25	25
Weight per box (kg)	5,5	10,75	13,75

