

T8 ULTIMATE 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	865	830	840	865	830	840	865
Correlated Colour Temp. CCT (K)	3000	4000	6500	3000	4000	6500	3000	4000	6500
Nominal Luminous flux ¹⁾ @ 25 °C (lm)	1250	1250	1200	3200	3200	3150	5000	5000	4800
Lamp efficacy ¹⁾ @ 25 °C (lm/W)	69	69	66	89	89	87	86	86	82
Energy Class	A	A	A	A	A	A	A	A	A
kW/1000 hrs	21,98	21,98	21,98	42,31	42,31	42,31	67,09	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

LMF - 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
	60,000 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

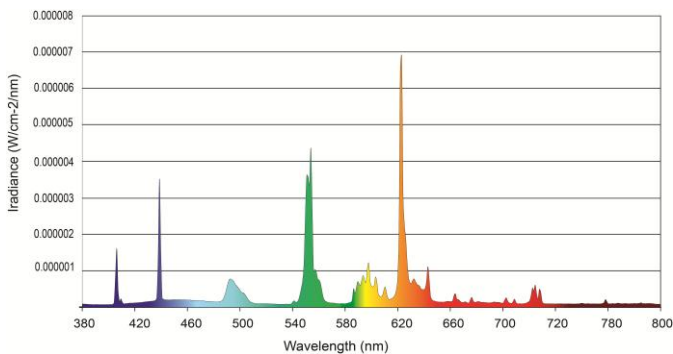
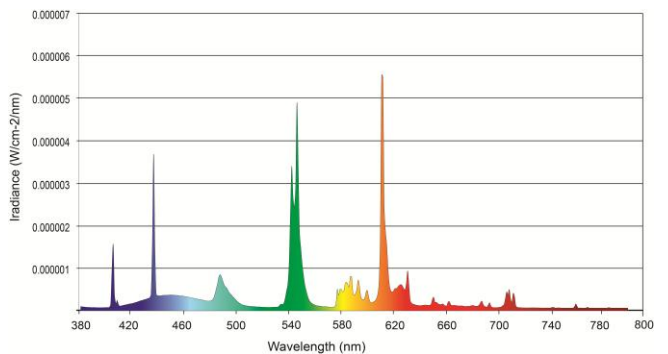
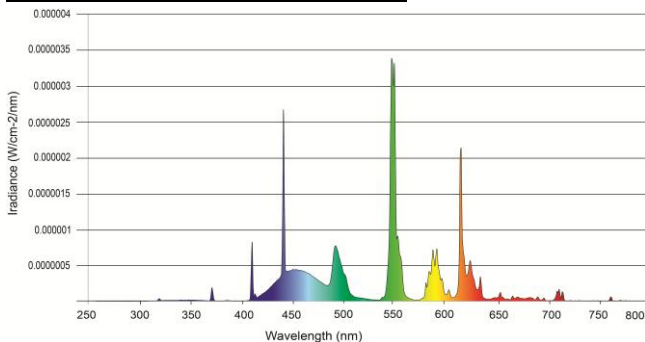
LMF - Lamp Lumen Mainte. Factor - Elect	2,000 h	1
	4,000 h	0,98
	6,000 h	0,97
	8,000 h	0,96
	12,000 h	0,96
	16,000 h	0,94
	20,000 h	0,94
	24,000 h	0,93
	36,000 h	0,9
	48,000 h	0,9
	60,000 h	0,9
	80,000 h	0,9

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	
Switching cycle	Magnetic	Electronic
3 h (2:45 on, 0:15 off)	48,000 h	70,000 h
12 h (11 h on, 1 h off)	60,000 h	80,000 h
1 Switch Continuous Burning	65,000 h	84,000 h

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

Spectral distribution 830

Spectral distribution 840

Spectral distribution 865


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

