

T8 UNIVERSAL - 18 W, 36 W, 58 W

Nominal wattage (W)	18				36				58			
Nominal length (mm)	590				1200				1500			
Diameter (mm)	26				26				26			
Weight (g)	100				185				225			
Colour Rendering Index CRI	≥ 80				≥ 80				≥ 80			
Temp. for max. luminous flux (°C)	25				25				25			
Light Colour	827	830	840	865	827	830	840	865	827	830	840	865
Correlated Colour Temp. CCT (K)	2700	3000	4000	6500	2700	3000	4000	6500	2700	3000	4000	6500
Nominal Luminous flux ¹⁾ @ 25 °C (lm)	1300	1300	1300	1250	3350	3350	3350	3250	5200	5200	5200	5000
Lamp efficacy ¹⁾ @ 25 °C (lm/W)	72	72	72	69	93	93	93	90	90	90	90	86
Energy Class	A	A	A	A	A	A	A	A	A	A	A	A
kW/1000 hrs	21,98	21,98	21,98	21,98	42,31	42,31	42,31	42,31	67,09	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			

LLMF - Lamp Lumen Maintenance Factor - Mag	2,000 h	0,99			
	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			
	43,000 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	0,99			
	16,000 h	0,99			
	20,000 h	0,99			
	24,000 h	0,98			
	36,000 h	0,95			
	43,000 h	0,9			

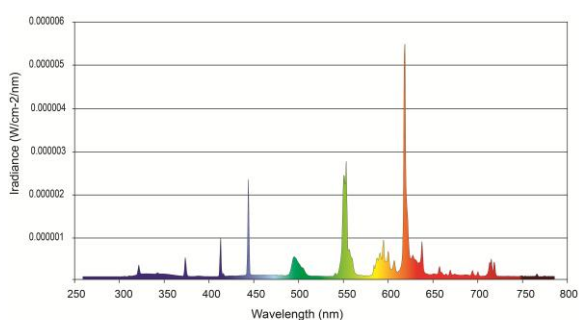
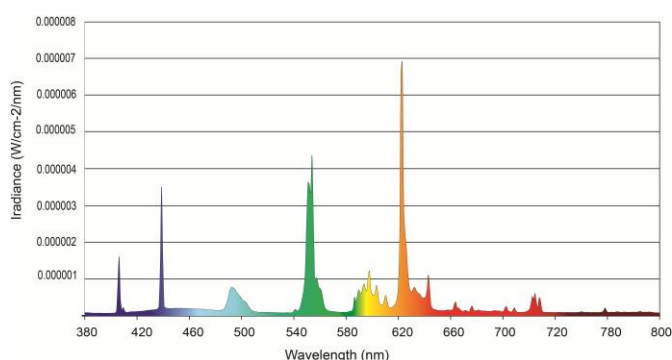
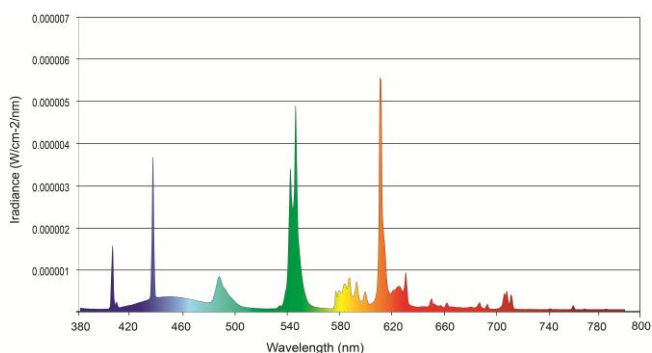
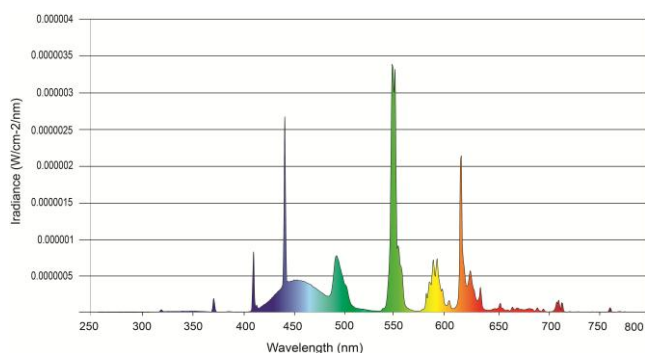
LLMF - Lamp Lumen Maintenance Factor - Elect	2,000 h	0,99			
	4,000 h	0,98			
	6,000 h	0,97			
	8,000 h	0,96			
	12,000 h	0,95			
	16,000 h	0,94			
	20,000 h	0,92			
	24,000 h	0,91			
	36,000 h	0,9			
	48,000 h	0,9			
	60,000 h	0,9			

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	0,98
	48,000 h	0,94
	60,000 h	0,92

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)	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 827

Spectral distribution 830

Spectral distribution 840

Spectral distribution 865


Packing data	18 W	36 W	58 W
Box size (mm)	630 x 160 x 185	1240 x 160 x 185	1545 x 160 x 185
Lamps per box (pcs)	30	30	30
Weight per box (kg)	3,8	7,1	8,9