

T8 ULTIMATE PROTECTOR - 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)	120		230				280		
Colour Rendering Index CRI	≥ 80		≥ 80				≥ 80		
Temp. for max. luminous flux (°C)	25		25				25		
Light Colour	830	840	827	830	840	865	830	840	865
Correlated Colour Temp. CCT (K)	3000	4000	2700	3000	4000	6500	3000	4000	6500
Nominal Luminous flux ¹⁾ @ 25 °C (lm)	1300	1300	3350	3350	3350	3250	5200	5200	5000
Lamp efficacy ¹⁾ @ 25 °C (lm/W)	72	72	93	93	93	90	90	90	86
Energy Class	A	A	A	A	A	A	A	A	A
kW/1000 hrs	21,98	21,98	42,31	42,31	42,31	42,31	67,09	67,09	67,09
Protector material	FEP plastic film								

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

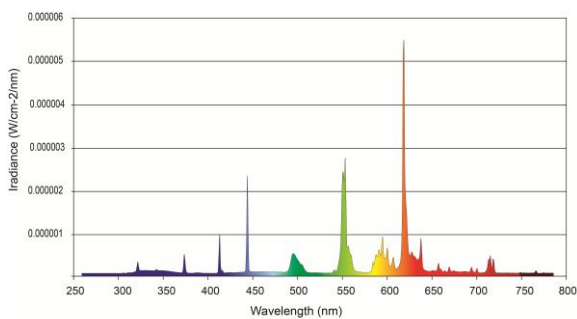
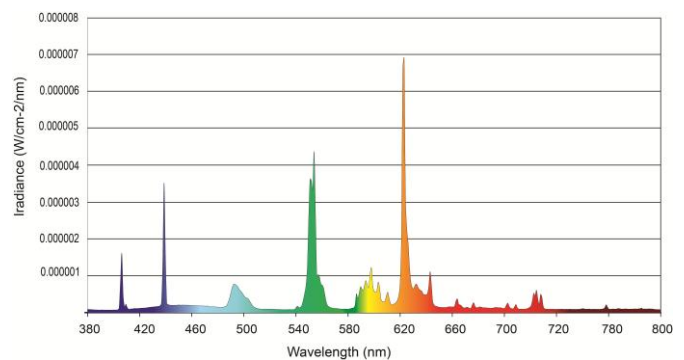
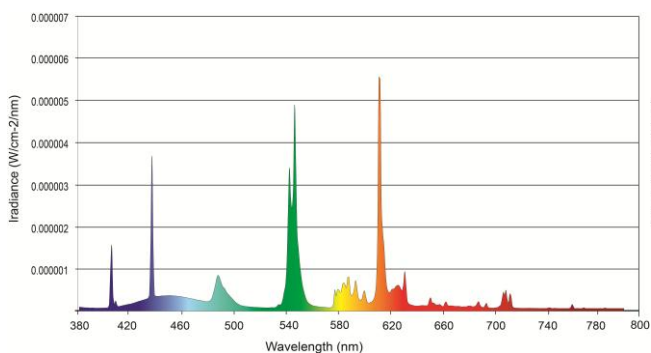
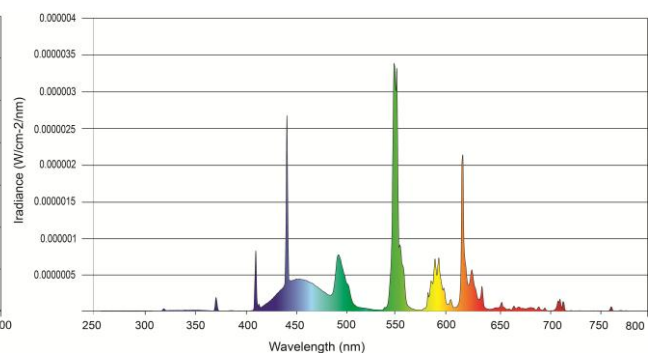
LLMF - Lamp Lumen Mainte. Factor - Mag	2,000 h	1
	4,000 h	0,98
	6,000 h	0,97
	8,000 h	0,96
	12,000 h	0,95
	16,000 h	0,93
	20,000 h	0,91
	24,000 h	0,91
	36,000 h	0,9
	48,000 h	0,9
	60,000 h	0,9
LSF - Lamp Survival Factor - Mag	2,000 h	1
	4,000 h	1
	6,000 h	1
	8,000 h	1
	12,000 h	1
	16,000 h	1
	20,000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

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

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)	4	8	9,6