

**Crystal TC**

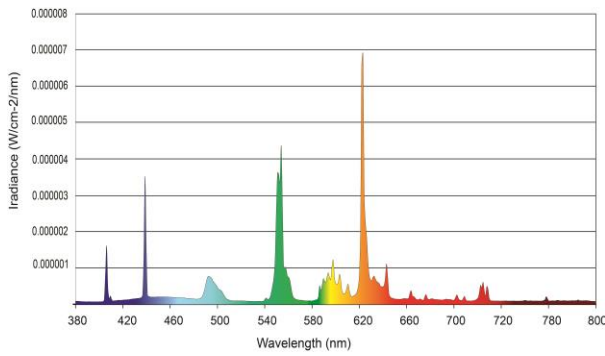
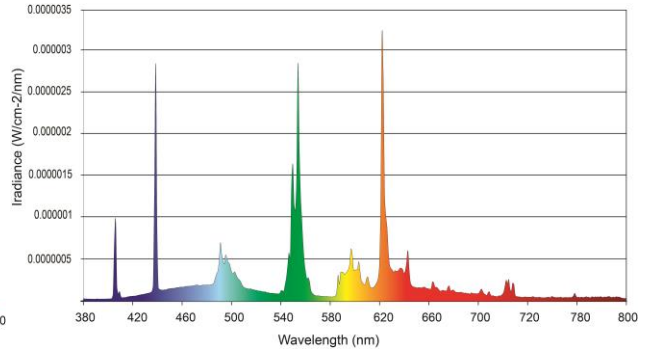
Nominal wattage (W)	35	35	70	70
Nominal length (mm)	104	104	114	114
Diameter (mm)	22	22	22	22
Light Center length (mm)	55 - 57	55 - 57	55 - 57	55 - 57
Weight (g)	33	33	35	35
Colour Rendering Index (CRI)	> 80	> 90	> 80	> 90
Temp. for max. luminous flux (°C)	25 ± 5	25 ± 5	25 ± 5	25 ± 5
Light Colour	830	942	830	942
Correlated Colour Temp. CCT (K)	3000	4200	3000	4200
Nominal flux <sup>1)</sup> @ 25 °C (lm)	3400	3300	6600	6300
Lamp efficacy <sup>1)</sup> @ 25 °C (lm/W)	97	94	94	90
Energy Class	A+	A+	A+	A+
kW/1000 hrs	38,5	38,5	77	77

Electrical Data	Magn. <sup>2)</sup>	Rated Wattage (W)	35	35	70	70
		Lamp voltage (V)	90	90	90	90
		Lamp current (A)	0,53	0,53	0,98	0,98
	Electr. <sup>3)</sup>	Operating Voltage (V)	-	-	-	-
		Lamp current (A)	-	-	-	-

LLMF - Lamp Lumen Maintenance Factor	2,000 h	0,99		
	4,000 h	0,95		
	6,000 h	0,92		
	8,000 h	0,89		
	12,000 h	0,85		
	16,000 h	0,8		
	20,000 h	0,79		
	24,000 h	0,78		
	30,000 h	0,78		
LSF - Lamp Survival Factor	2,000 h	1		
	4,000 h	0,99		
	6,000 h	0,99		
	8,000 h	0,98		
	12,000 h	0,97		
	16,000 h	0,96		
	20,000 h	0,94		
	24,000 h	0,92		
	30,000 h	0,9		
Operation for LLMF / LSF-values		magnetic ballast		
Dimmable		yes		
Cap		G12		
Burning position		universal		
Mercury content per burner (mg)	3	3	4	4
IEC		61167		

Switching cycle	Life time (h)
12B10	30.000
Average lifetime	43.000

- 1) after 100 h  
2) Magnetic Ballast  
3) Electronic Ballast

**Spectral distribution 830**

**Spectral distribution 942**


Packing data	35 W	35 W	70 W	70 W
Box size (mm)	n. av.			
Lamps per box (pcs.)	96 (8 x 12)			
Weight per box (kg)	n. av.			