

Crystal EP

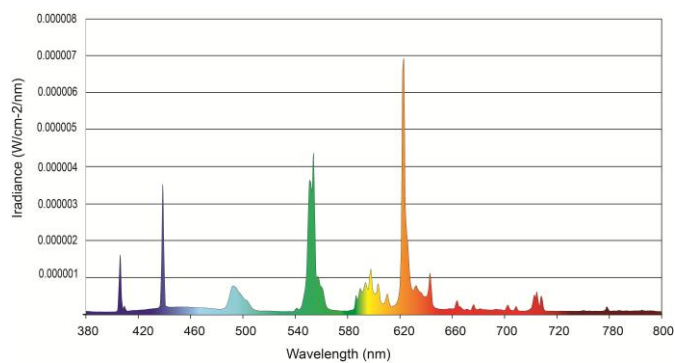
Nominal wattage (W)	35	50	70	100	150
Nominal length (mm)	172	172	172	227	227
Diameter (mm)	75	75	75	91	91
Light Center length (mm)	-	-	-	-	-
Weight (g)	120	120	120	130	130
Colour Rendering Index (CRI)	> 80	> 80	> 80	> 80	> 80
Temp. for max. luminous flux (°C)	25 ± 5	25 ± 5	25 ± 5	25 ± 5	25 ± 5
Light Colour	830	830	830	830	830
Correlated Colour Temp. CCT (K)	3000	3000	3000	3000	3000
Nominal flux ¹⁾ @ 25 °C (lm)	3200	4500	6200	8200	12000
Lamp efficacy ¹⁾ @ 25 °C (lm/W)	91	90	89	82	80
Energy Class	A+	A+	A+	A	A
kW/1000 hrs	38,5	55	77	110	165

Electrical Data	Magn. ²⁾	Rated Wattage (W)	35	50	70	100	150
		Lamp voltage (V)	90	90	90	80	80
		Lamp current (A)	0,52	0,75	0,98	1,3	1,9
	Electr. ³⁾	Operating Voltage (V)	85	85	85	95	95
		Lamp current (A)	0,46	0,54	0,86	1,2	1,8

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		E27			E40	
Burning position		Universal				
Mercury content per burner (mg)		3	3	4	11	11
IEC		61167				

Switching cycle	Life time (h)
3 h (2:45 on, 0:15 off)	43.000
12 h (11 h on, 1 h off)	30.000

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

Spectral Distribution 830


Packing data	35 W	50 W	70 W	100 W	150 W
Box size (mm)	375 x 285 x 210			350 x 250 x 280	
Lamps per box	12			6	
Weight per box (kg)	2,1			2,4	