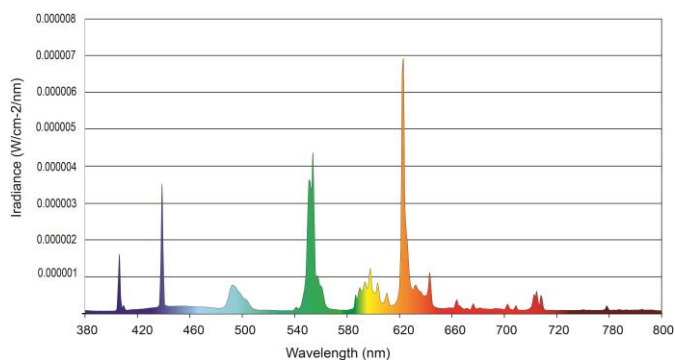


Crystal TT 100 W - 400 W - E40

Nominal wattage (W)			100	150	250	400
Nominal length (mm)			211	211	248	272
Diameter (mm)			46	46	46	46
Light Center length (mm)			127 - 137	127 - 137	153 - 163	170 - 180
Weight (g)			145	150	170	200
Colour Rendering Index (CRI)			> 80	> 80	> 80	> 80
Temp. for max. luminous flux (°C)			25 ± 5	25 ± 5	25 ± 5	25 ± 5
Light Colour			830	830	830	830
Correlated Colour Temp. CCT (K)			3000	3000	3000	3000
Nominal flux ¹⁾ @ 25 °C (lm)			9500	13500	24500	39000
Lamp efficacy ¹⁾ @ 25 °C (lm/W)			95	90	98	98
Energy Class			F	G	F	F
kW/1000 hrs			110	165	275	440
Electrical Data	Magn. ²⁾	Rated Wattage (W)	100	150	250	400
		Lamp voltage (V)	80	80	100	100
		Lamp current (A)	1,3	1,9	2,95	4,6
	Electr. ³⁾	Operating Voltage (V)	95	95	-	-
		Lamp current (A)	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			E40			
Burning position			Universal			
Mercury content per burner (mg)			11	11	16	25
IEC			61167			

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

Spectral distribution 830


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

Packing data	100 W	150 W	250 W	400 W
Box size (mm)	275 x 225 x 275	275 x 225 x 275	275 x 225 x 310	275 x 225 x 345
Lamps per box	12	12	12	12
Weight per box (kg)	2,6	2,6	2,8	3,6