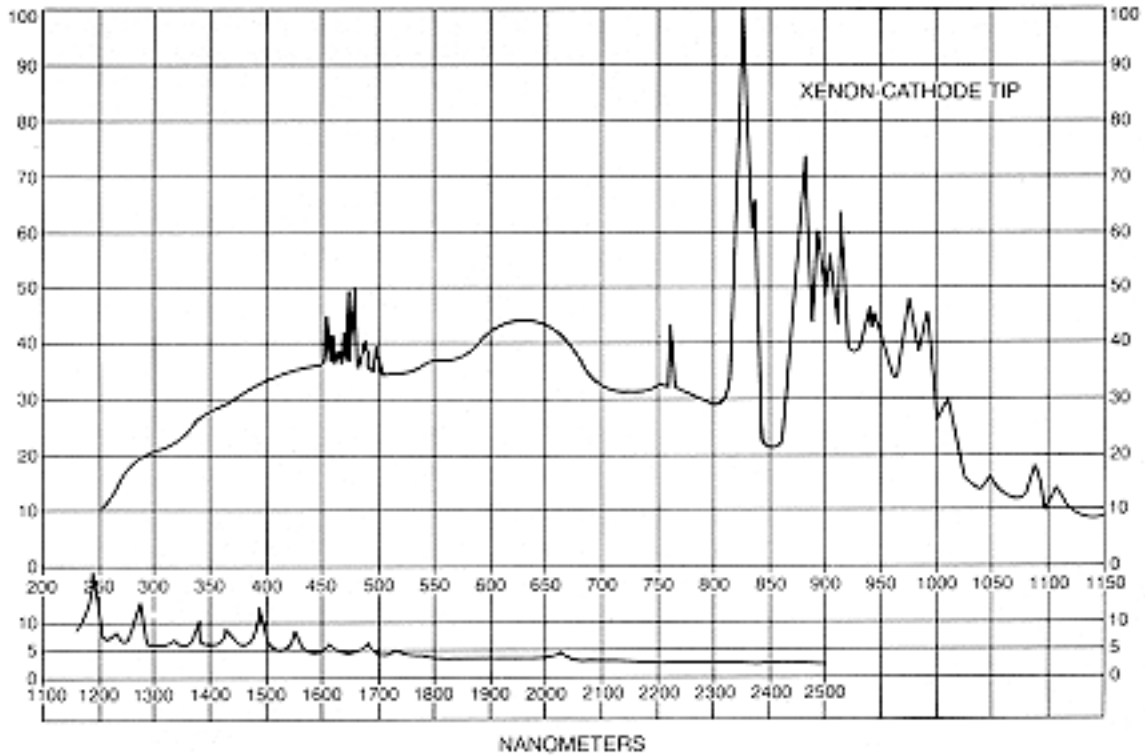


PTI Technical Note

Lamp Emission Spectra

Xenon Compact Arc Lamps

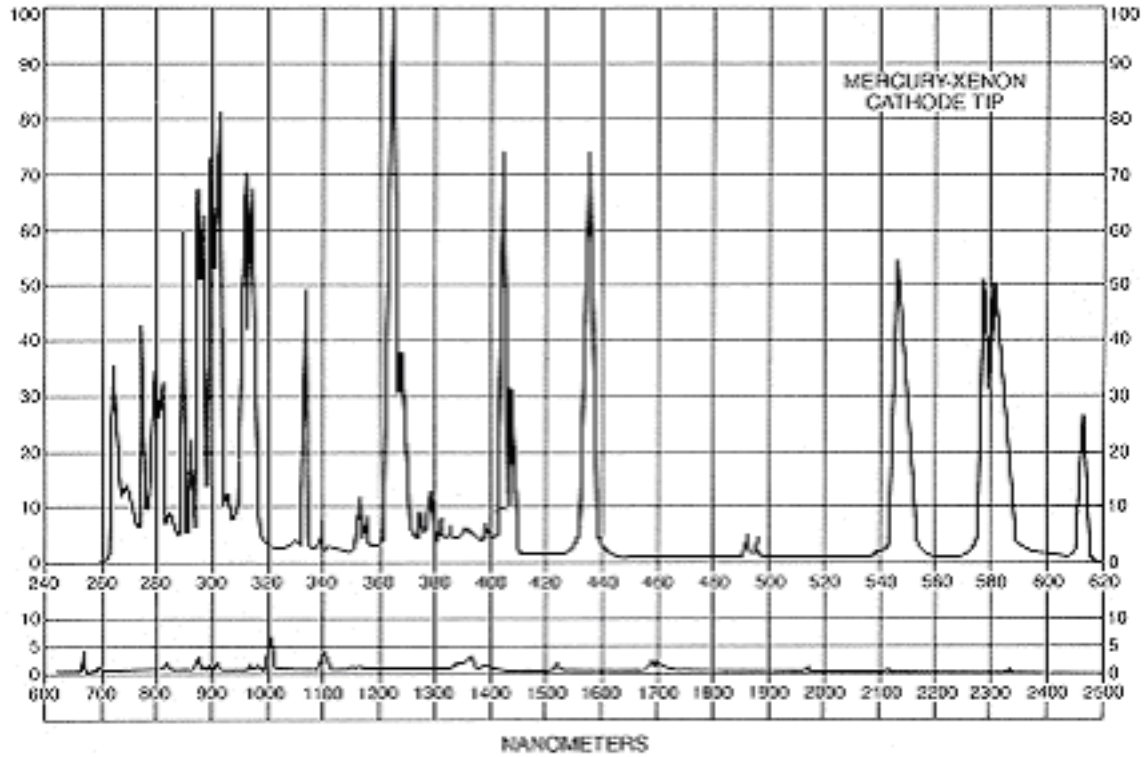


Wavelength, nm	% Output	Wavelength, nm	% Output	Wavelength, nm	% Output	Wavelength, nm	% Output
250-300	2.489	750-800	4.682	1250-1300	0.896	1750-1800	0.345
300-350	3.542	800-850	8.914	1300-1350	0.705	1800-1850	0.306
350-400	4.577	850-900	6.284	1350-1400	0.913	1850-1900	0.306
400-450	5.245	900-950	6.788	1400-1450	0.919	1900-1950	0.306
450-500	5.626	950-1000	5.848	1450-1500	1.118	1950-2000	0.268
500-550	5.214	1000-1050	2.871	1500-1550	0.701	2000-2050	0.345
550-600	5.729	1050-1100	1.925	1550-1600	0.513	2050-2100	0.230
600-650	6.472	1100-1150	1.402	1600-1650	0.515	2100-2150	0.230
650-700	5.649	1150-1200	1.593	1650-1700	0.552	2150-2200	0.230
700-750	4.682	1200-1250	0.846	1700-1750	0.428	TOTAL	100.00

PTI Technical Note

Lamp Emission Spectra

Mercury-Xenon Compact Arc Lamps

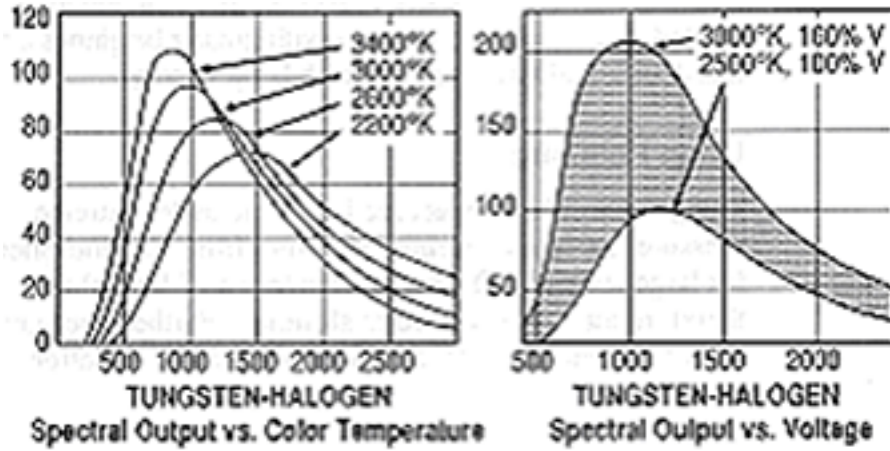


Wavelength, nm	% Output	Wavelength, nm	% Output	Wavelength, nm	% Output	Wavelength, nm	% Output
260-270	2.205	380-390	0.538	500-510	0.199	800-900	3.186
270-280	2.678	390-400	0.488	510-520	0.199	900-1000	2.947
280-290	2.877	400-410	2.862	250-530	0.199	1000-1100	3.942
290-300	4.231	410-420	0.304	530-540	0.249	1100-1200	3.544
300-310	3.883	420-430	0.319	540-550	3.325	1200-1300	2.190
310-320	5.730	430-440	5.207	550-560	1.563	1300-1400	4.580
320-330	0.538	440-450	0.498	560-570	0.249	1400-1500	2.091
330-340	1.572	450-460	0.199	570-580	3.463	1500-1600	2.449
340-350	0.448	460-470	0.199	580-590	4.908	1600-1700	2.051
350-360	0.886	470-480	0.199	590-600	0.521	1700-1800	2.190
360-370	8.403	480-490	0.229	600-700	3.467	1800-1900	1.990
370-380	1.473	490-500	0.483	700-800	2.041	1900-2000	1.990

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Lamp Emission Spectra

Tungsten-Halogen Lamp



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