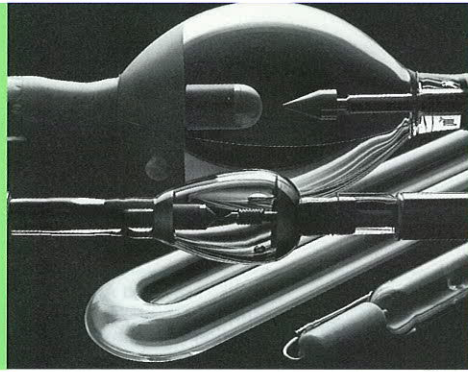


Mercury Lamps

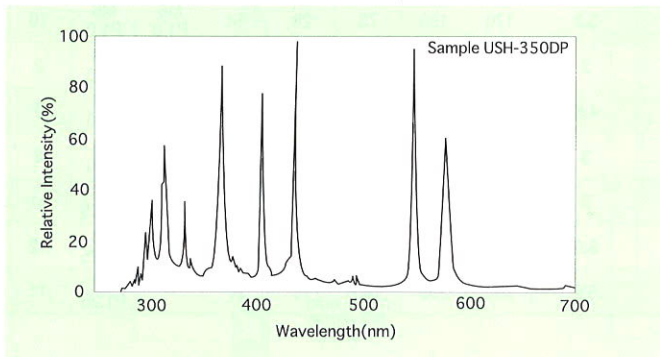


- Super-High Pressure Mercury Lamps
- Flash UV Lamps
- Superior UV Lamps
- High-Pressure Mercury Lamps
- Low-Pressure Mercury Lamps
- Mercury Capillary Lamps

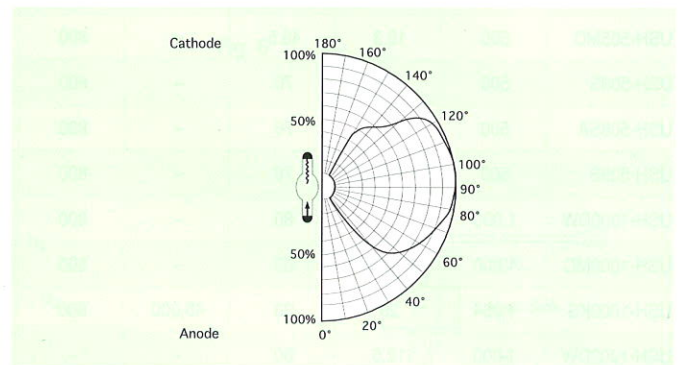
Super-High Pressure Mercury Lamps

Ushio super-high pressure mercury lamps are designed for use in the ultraviolet wavelength region, particularly at 436, 405 and 365nm. These lamps feature long life at a stable radiant power, and since their size closely approximates a point light source, the light they emit can be easily concentrated or dispersed to achieve the uniform illuminance distribution required in optical systems.

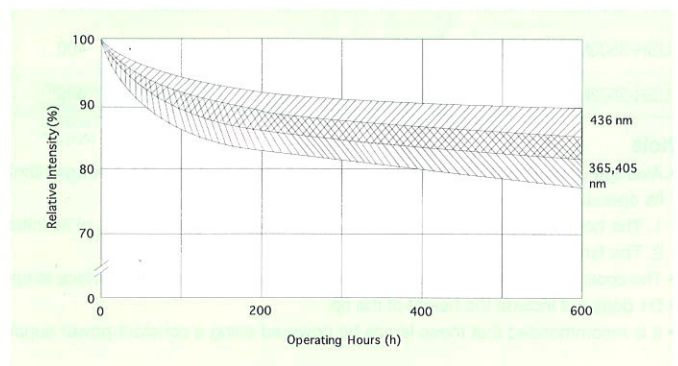
■ Spectral distribution curve



■ Luminous intensity distribution curve



■ UV life span characteristics



USHIO Code	Rated Power (W)	Rated Current (A)	Rated Voltage (V)	Total Luminous Flux (lm)	Average Life (h)	Burning Position	Cold Arc Gap Length (mm)	L1 (mm) MAX	L2 (mm)	L3 (mm)	D1 (mm) DIA.	D2 (mm) DIA.	D3 (mm)	D4 (mm)	Fig No.
USH-102D	100	5	20	2,200	200	V±15°	0.5	90	80	43	10	—	—	—	1
USH-102DH	100	5	20	2,200	200	V±90°	0.5	90	80	43	10	—	—	—	1
USH-200DP	200	3.5	57	10,000	1,000	V±45°	2.5	128	100	41	16	10	M4 PO.7	M4 PO.7	2
USH-205DP	200	3.5	57	10,000	1,000	V±45°	2.5	128	100	41	16	10	No.8 32UNC	No.8 32UNC	2
USH-205S	200	6.9	29	5,500	400	V±15°	1	134	117	51.8	16	10	11 DIA.	No.8 32UNC	3
USH-206D/M4	200	3.5	57	10,000	1,000	V±45°	2.5	128	100	41	16	10	M4 PO.7	M4 PO.7	2
USH-250D	250	6.5	40	12,500	1,000	V±15°	2	152	125	63	20	13	M5 PO.9	M5 PO.9	4
USH-250BY	250	6.5	40	12,500	1,000	V±15°	2	152	125	62	20	13	M5 PO.8	M5 PO.9	5
USH-350DS	350	6	60	18,000	1,000	V±45°	2.8	124	101	48	20	10	No.8 32UNC	No.8 32UNC	2
USH-351DS	350	6	60	18,000	1,000	V±45°	2.8	124	101	48	20	10	M4 PO.7	M4 PO.7	2
USH-350DP	350	6	60	18,000	1,000	V±45°	2.8	124	101	48	20	10	No.8 32UNC	No.8 32UNC	2
USH-450GS	450	9	50	—	600	V±15°	2.2	142	105	54	22	13	7.94 DIA.	No.8 32UNC	6