

XENON DISCHARGE LAMPS

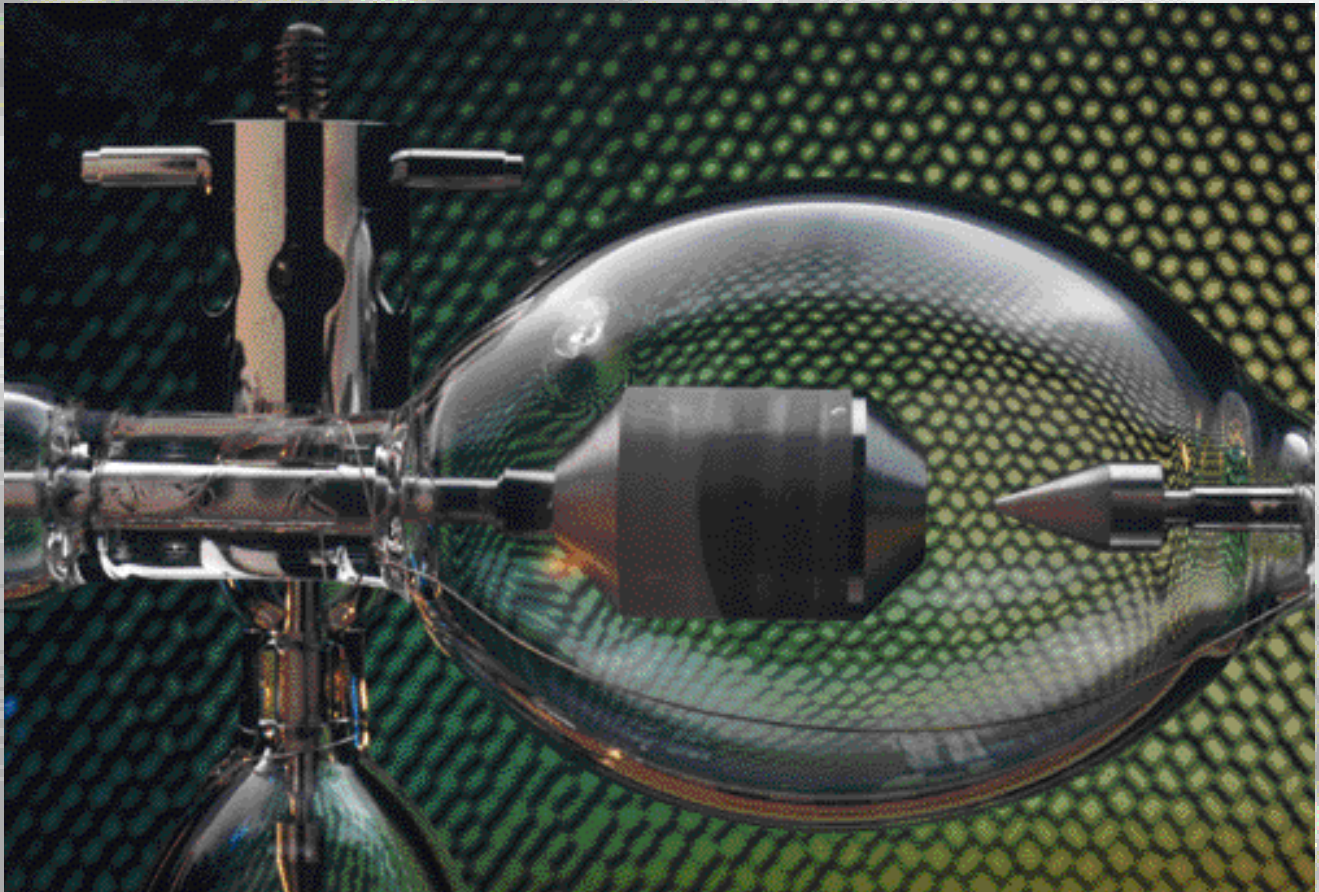
Technical Specifications

Model	Rated Input	Rated	Current Range	Luminous Flux	Cold Arc Gap	Lamp Life	Lamp Life
	Power	Current				Vertical	Horizontal
	(W)	(A)	(A)	(lm)	(mm)	Operation	Operation
UXL-5SB	500	28	17-30	15000	3.0	2000	2000
UXL-7SB	700	37	30-45	22000	4.2	1500	1500
UXL-7SCB	700	37	30-45	22000	4.2	1500	1500
UXL-900-O	900	45	30-50	29000	4.0	2400	-
UXL-1000HA	1000	45	35-50	34000	5.0	2400	2400
UXL-10SCB	1000	50	30-55	33000	4.2	2400	2400
UXL-1600-O	1600	65	45-70	56000	5.5	2400	-
UXL-16SB	1430	65	45-70	49000	4.0	2000	2000
UXL-16SCB	1430	65	45-70	49000	4.0	2000	2000
UXL-16SCSB	1550	65	45-70	58250	4.0	2000	2000
UXL-2000PR	1750	70	56-70	64000	6.0	-	2400
UXL-2000HA	2000	80	60-85	74000	6.0	2400	2400
UXL-2000HR	2000	70	50-85	75000	6.0	2400	2400
UXL-20SC	2000	80	50-85	80000	5.5	2400	2400
UXL-21SCB	2000	70	45-70	76000	6.0	2400	2400
UXL-2500HA	2500	90	70-100	98000	7.0	1500	1500
UXL-2500-O	2500	83	60-95	98000	7.0	2000	-
UXL-25SC	2500	90	70-100	97000	7.0	1500	1500
UXL-3000HK-O	2500	90	70-110	93000	7.0	1500	1500
UXL-3000HA	3000	100	80-110	110000	7.0	1500	1500
UXL-3000HR	3000	100	60-100	110000	7.0	1500	1500
UXL-30SC	3000	100	60-110	110000	6.0	1500	1500
UXL-3601HK-O	3360	120	85-120	130000	7.0	1000	1000
UXL-4000HA	4000	130	100-140	150000	7.0	1000	1000
UXL-4000KO	4000	120	60-140	160000	8.0	1000	-
UXL-40SC	4000	135	80-150	153000	7.0	1000	1000
UXL-50SC	5000	140	100-150	200000	8.0	1000	1000
UXL-6000HK-O	4960	155	100-160	250000	8.0	600	600
UXL-60SC	6000	160	120-170	265000	9.0	600	600
UXL-6500DA-O	6500	160	60-160	280000	10.0	500	-
UXL-70SC	7000	160	120-170	300000	11.0	500	500
UXL-80SC	8000	170	120-170	320000	11.0	500	500
UXL-10000	10000	180	data on request	data on request	data on request	data on request	data on request

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Note: Data are subject to change.

USHIO
Spectral Innovation



XENON DISCHARGE LAMPS

Since the film industry celebrated its 100th anniversary in 1995, the cinema world is still experiencing revolutionary changes: ultra large screens and domes, 3D films and digital cinemas. USHIO, as one of the most experienced and leading manufacturers of xenon discharge lamps, is challenging its further development for the future cinema technology.

Intensive contact to the European cinema world led to the introduction of USHIO's 5 kW, 6 kW, 8 kW and 10 kW bulbs. With these types USHIO offers a complete choice of xenon lamps for screens with width up to 25 m or even beyond. Furthermore, USHIO is constantly improving its existing product range to provide you with up-to-date technology.

USHIO's 12 kW and 15 kW water-cooled xenon

discharge lamps are selected when high brightness and performance is required in IMAX® and Iwerks® systems. They are world-wide a preferred choice for 2D and 3D projectors for flat screens as well as domes (see our leaflet "Water-Cooled Xenon Discharge Lamps").

In the 21st century you can expect innovative light sources for digital cinemas as the result of USHIO's joint research and development with leading digital projector manufacturers. Our close relationship with them ensures that optimum screening performance is achieved. USHIO's technical excellence guarantees high product reliability and quality. The combination of availability and service makes USHIO xenon lamps highly successful in the cinema field.

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