



## DXL Digital Xenon Lamps

### For NEC® Digital Cinema Projectors

Ushio's DXL series of Xenon lamps have been developed as the preferred light sources for NEC® digital cinema projectors, providing high stability and high reliability.

These high-luminance light sources are optimized to meet the increased demands of digital projection and 3-D exhibition standards. Ushio's DXL series are officially approved and recommended for use in NEC® digital cinema projectors.

#### WHY CHOOSE USHIO DXL:

- Ushio's DXL series of digital xenon lamps achieve the highest performance for digital cinema projection.
- Digital cinema projectors have a more complex optical system than that of film projectors and require lamps with much higher brightness and a more stable arc. Ushio's DXL series are 20-50% brighter than that of standard film lamps of the same wattages.
- DXL lamps are optimized to meet technical standards especially for digital 3-D screenings.
- Ushio offers its L-Series (Long Life) Digital Xenon lamps.
- Ushio now offers LUMINITY® Series (Extreme Life) Digital Xenon lamps.



# DXL DIGITAL XENON LAMPS FOR NEC® DIGITAL PROJECTORS

## L Series (Long Life)

## LUMINITY Series (Extreme Life)

\*Ushio's stated 100% warranty hours may differ from the average lifetime hours.



Wattage Max./Min.	Ordering Code	Lamp Description	Lamp Current Max./Min.	Total Projected Lumens	100% Warranty Hours*	Lamp Series
1200 / 840	5002267	DXL-12SN	75 / 35	4400	3000	
1200 / 840	5002276	DXL-12SN2	75 / 35	5600	3000	
1500 / 1050	5002268	DXL-15SN	80 / 40	7100	3000	
2000 / 1400	5002168	DXL-20SN3	85 / 50	9700	2400	
2000 / 1400	5002269	DXL-21SN3	90 / 50	11800	2400	
3000 / 2100	5002449	DXL-30SN2/L	125 / 65	12400	1800	L Series (Long Life)
3000 / 2100	5002278	DXL-31SN2	125 / 65	15400	1200	
3000 / 2100	5002450	DXL-31SN2/L	125 / 65	15400	1800	L Series (Long Life)
4000 / 2800	5002170	DXL-40SCN	138 / 83	12700	1500	
4000 / 2800	5002451	DXL-40SN/L	138 / 83	18300	850	L Series (Long Life)
4000 / 2800	5002178	DXL-40SN2	138 / 83	15000	1000	
4000 / 2800	5002229	DXL-41SCN	138 / 83	16000	1500	
4000 / 2800	5002452	DXL-41SN/L	138 / 83	22000	850	L Series (Long Life)
4000 / 2800	5002228	DXL-41SN2	138 / 83	20800	1000	
4500 / 3150	5002273	DXL-45SN/L	158 / 95	21400	1800	L Series (Long Life)
6000 / 4200	5002274	DXL-60SN/L	167 / 105	26000	800	L Series (Long Life)
6000 / 4200	5003271	DXL-60SN/LU	155 / 105	26000	1000	LUMINITY (Extreme Life)
7000 / 4900	5002174	DXL-70SN	180 / 115	33000	300	

Discontinued - For Reference Only

Item Code	5002267	5002276	5002268	5002277	5002168	5002269	5002449	5002450	5002170	5002451	5002178	5002229	5002452	5002228	5002273	5002274	5003271	5002174
Description	DXL 12SN	DXL 12SN2	DXL 15SN	DXL 15SN2	DXL 20SN3	DXL 21SN3	DXL 30SN2/L	DXL 31SN2/L	DXL 40SCN	DXL 40SN/L	DXL 40SN2	DXL 41SCN	DXL 41SN/L	DXL 41SN2	DXL 45SN/L	DXL 60SN/L	DXL 60SN/LU	DXL 70SN
NC12000C	✓	—	✓	—	✓	—	—	—	—	—	—	—	—	—	—	—	—	—
NC1600C	✓	—	✓	—	✓	—	✓	—	✓	✓	✓	—	—	—	—	—	—	—
NC2000C	✓	—	✓	—	✓	—	✓	—	✓	✓	✓	—	—	—	—	—	—	—
NC2500S 4kW	—	✓	—	✓	—	✓	—	✓	—	—	—	✓	✓	✓	—	—	—	—
NC3200S 4kW	—	✓	—	✓	—	✓	—	✓	—	—	—	✓	✓	✓	—	—	—	—
NC3240S 4kW	—	✓	—	✓	—	✓	—	✓	—	—	—	✓	✓	✓	—	—	—	—
NC2500S 7kW	—	—	—	—	—	—	—	✓	—	—	—	✓	✓	✓	✓	✓	✓	✓
NC3200S 7kW	—	—	—	—	—	—	—	✓	—	—	—	✓	✓	✓	✓	✓	✓	✓
NC3240S 7kW	—	—	—	—	—	—	—	✓	—	—	—	✓	✓	✓	✓	✓	✓	✓

**Operational Note for Digital Cinema Xenon Lamps:** Based upon our internal research experiments, operation cycles with "On/Off" mode every 2 hours (10 minutes off), delays the generation of lamp flicker by up to 30% when compared to the operation cycle of 11 hours continuous mode.

# UXL FILM LAMPS FOR NEC® DIGITAL PROJECTORS

Wattage Max.	Ordering Code	Lamp Description	Lamp Current Max./Min.	100% Warranty Hours*	NEC® Required Film Lamp Adapters
1000	5002223	UXL-10SCB	55 / 30	2000	Please contact local distributor for adapter
2000	5001434	UXL-20SC	85 / 50	2400	Use NEC® standard film lamp adapter NC1600C / NC2000C
3000	5001079	UXL-30SC	110 / 60	1500	Use NEC® standard film lamp adapter NC1600C / NC2000C
4000	5000631	UXL-40SC	150 / 80	1200	For NC 2500S/3200S/3240S
5000	5002044	UXL-50SCA	150 / 100	1000	3kW film projector, use NEC® optional film lamp adapter NC-25CL02
6000	5000943	UXL-60SC	170 / 120	600	For 4kW - 7kW film projector lamp bulbs
7000	5000634	UXL-70SC	170 / 120	500	use NEC® standard film lamp adapter NC2500S/NC3200S/NC3240S

Item Code	5002223	5001434	5001079	5000631	5002044	5000943	5000634
Description	UXL 10SCB	UXL 20SC	UXL 30SC	UXL 40SC	UXL 50SCA	UXL 60SC	UXL 70SC
NC1200C	✓	✓	—	—	—	—	—
NC1600C	—	✓	✓	—	—	—	—
NC2000C	—	✓	✓	—	—	—	—
NC2500C	—	—	—	✓	✓	✓	✓
NC2500S	—	—	✓	—	—	—	—
NC3200S	—	—	✓	✓	✓	✓	✓
NC3240S 4kW	—	—	✓	✓	✓	✓	✓
NC3240S 7kW	—	—	✓	✓	✓	✓	✓

**Operational Note for Digital Cinema Xenon Lamps:** Based upon our internal research experiments, operation cycles with “On/Off” mode every 2 hours (10 minutes off), delays the generation of lamp flicker by up to 30% when compared to the operation cycle of 11 hours continuous mode.

