

OSRAM XBO® HPN DIGITAL CINEMA LAMP FAMILY

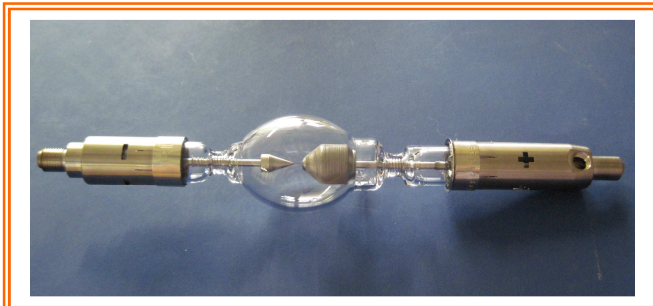
OSRAM has introduced a new higher performance digital cinema lamp family for use in NEC digital projectors.

Market Segments

Cinema

Applications

NEC Digital Projectors



Main Selling Attributes

- Increased light output for digital applications
- Excellent arc stability
- High luminance

Why buy?

The XBO HPN digital lamp family provides more light output compared to 35mm film lamps due to the reduced electrode (arc) gap and increased fill pressure required for digital performance. OSRAM HPN series is an ideal replacement for the Ushio DXL and the Philips XDC-N series.

Ordering and Specification Information

OSRAM XBO HPN lamp family for NEC digital projectors are shown below:

Product Description	Product Number	Rated Lamp Power (W)	Lamp Volts (V _{DC})	Lamp Current (A)	Current Control Range (A)	Warranty (hrs)	Initial Lamp Luminous Flux (L)
XBO 1200W/HPN OFR	69079	1,200	20	60	40 - 70	3,000	45,000
XBO 2000W/HPN OFR	69061	2,000	24	80	60 - 85	2,400	80,000
XBO 3000W/HPN OFR	69084	3,000	30	100	60-100	1500	140,000
XBO 4000W/HPN OFR	69060	4,000	35	115	90 - 125	650	190,000
XBO 4000W/HPN-L OFR	69085	4,000	33	120	100-130	1000	185,000
XBO 6500W/HPN OFR	69062	6,500	39	170	140 - 180	600	300,000

OSRAM XBO® – NEC Digital Cinema Projector Cross Reference

		OSRAM Description	XBO 1200W/HPN ¹	XBO 2000W/HS	XBO 2000W/HPN ¹	XBO 3000W/HPN ¹	XBO 3000W/HSXL	XBO 4000W/HPN ¹	XBO 4000W/HPN-L ¹	XBO 4000W/HSXL	XBO 4500W/HSXL	XBO 6500W/HPN ¹
		Product Number	69079	69270	69061	69084	69479	69060	69085	69474	69542	69062
DLP Cinema Projector Model	Lamp Driver	Warranty Lifetime (hrs)	3000	2400	2400	1500	2200	650	1000	1500	1400	600
NC 1200C			√	√	√							
NC 1600C			√	√	√	√	√	√	√			
NC 2000C			√	√	√	√	√	√	√			
NC 2500S	4kW		√ ²	√ ²	√ ²	√ ²	√ ²	√ ²	√ ²	√ ²		
NC 3200S			√ ²	√ ²	√ ²	√ ²	√ ²	√ ²	√ ²	√ ²		
NC 3240S			√ ²	√ ²	√ ²	√ ²	√ ²	√ ²	√ ²	√ ²		
NC 2500S	7kW		√ ²	√ ²	√ ²	√ ²	√ ²	√ ²	√ ²	√ ²	√ ²	√
NC 3200S			√ ²	√ ²	√ ²	√ ²	√ ²	√ ²	√ ²	√ ²	√ ²	√
NC 3240S			√ ²	√ ²	√ ²	√ ²	√ ²	√ ²	√ ²	√ ²	√ ²	√

¹ HPN models approved by NEC. All other models are recommended by NEC

² Lamp types can be used with appropriate adaptor

Warranty for XBO lamp operation within limits provided in OSRAM "Technology and Applications XBO Theatre Lamps" and "Guidelines for Control Gear and Igniters"

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