



OSRAM XBO®  
**60**  
YEARS

- 1954** OSRAM introduces world's first XBO lamp replacing the traditional carbon arc
- 1955** XBO 1600W lamp introduced to Europe
- 1961** Introduction of XBO 2500W xenon short arc lamps
- 1970** XBO lamps optimized for horizontal operation
- 1980** OSRAM introduces XBO lamps with ozone-free quartz glass
- 1983** ACADEMY AWARD® for technical achievement in development of XBO lamps
- 1998** First short arc XBO lamps designed for video and digital cinema projectors
- 2000** OSRAM introduces XBO 12,000W lamp with the highest light output for 35mm projection
- 2001** Extended durability and enhanced warranty program of the XBO lamp
- 2002** OSRAM introduces high wattage XBO lamps for large screens
- 2006** Digital cinema lamps covering most of the digital projectors in the market
- 2007** Segmentation into three application lines: Classic, Xtreme Life and Digital
- 2008** The first fully automated XBO production line in the world
- 2011** Introduction of the 2<sup>nd</sup> generation of digital cinema lamps
- 2012/2013** Introduction of long life lamps for digital cinema projection
- 2014** 60th anniversary of XBO cinema lamps

## Light is magic XBO creates stars

In the right light, a nameless model becomes a timeless movie star and a cinema screen becomes an exciting new world. By powering cinema theaters across the globe for the past 60 years, our OSRAM XBO lamp has become as iconic as the figures it illuminates on the screen. Celebrating its 60 year anniversary, XBO now opens new ways for a bright future and a lasting legacy: because true icons live forever.

Light is OSRAM



# Light is how we see the world. Our passion for light shines on the big screen.

Going to the cinema is not only about watching blockbuster movies while eating popcorn, but it is also about escaping daily life and diving into another world.

For the past 60 years, the OSRAM XBO® lamp has delighted audiences worldwide and transformed their visit to the cinema into an experience to remember. The age of digital cinema has placed huge demands on projection technology, but the XBO cinema lamp stays one step ahead of the demands with continuous improvements and upgrades.

New digital cinema projectors and large screens require a high light output. OSRAM XBO cinema lamps rise to the challenge with a level of luminance that guarantees brilliant, high-resolution images.

XBO cinema lamps are “Made in Germany”. The automated processing of high quality materials in conjunction with the strict OSRAM quality control ensures a consistently high lamp standard.

OSRAM offers a range of technically-advanced XBO cinema lamps customized for projectors by Barco, Kinoton, Cinemeccanica, Christie, NEC, and Sony. There is a powerful and cost-effective XBO solution for every projector and theater.



### OSRAM XBO product highlights in detail:

- Short arc with highest luminance for brighter screen illumination
- A lifetime of reliable performances with constant 6000K color temperature
- Easy to maintain
- High level of arc stability
- Hot restart and instant light on screen
- Dimmable in a wide range
- Wattage from 1200W to 8000W
- Designed to perform best within the projectors of all major manufacturers: Barco, Kinoton, Cinemeccanica, Christie, NEC and Sony

## OSRAM XBO CINEMA LAMPS

Product Name	Product Number	Rated Wattage (W)	Warranty Hours (h)	Service Warranty Lifetime (h) <sup>1</sup>	BARCO	CHRISTIE
XBO 1200W/DHP	69596	1200	3000	3500	•	
XBO 2000W/DHP	69150	2000	2400	3000	•	
XBO 2200W/DHP	67484	2200	1500	1800	•	
XBO 2500W/DHP	69089	2500	1700	2000	•	
XBO 3000W/DHP	69480	3000	1500	1900	•	
XBO 3000W/DHP L	69048	3000	1700	2000	•	
XBO 4000W/DHP	69481	4000	1100	1400	•	
XBO 4000W/DHP L	69049	4000	1300	1500	•	
XBO 4500W/DHP	69463	4500	1000	1300	•	
XBO 6000W/DHP	69476	6000	650	800	•	
XBO 6500W/DHP	69523	6500	500	750	•	
XBO 2000W/DTP	69155	2000	2400	3000 <sup>2</sup>		•
XBO 3000W/DTP	69154	3000	1500	1900 <sup>2</sup>		•
XBO 3000W/DTS	69063	3000	1000	1300 <sup>2</sup>		•
XBO 4500W/DTP	69459	4500	1000	1300 <sup>2</sup>		•
XBO 6000W/DTP	69460	6000	600	750 <sup>2</sup>		•

Product Name	Product Number	Rated Wattage (W)	Warranty Hours (h)	Service Warranty Lifetime (h) <sup>1</sup>	SONY	NEC
XBO 2000W/HPS	69486	2000	2400	2800	•	
XBO 3000W/HPS	69487	3000	1000	1300	•	
XBO 4200W/HPS	60009	4200	700	800	•	
XBO 4200W/HPS L	60008	4200	1000	1200	•	
XBO 1200W/HPN	69079	1200	3000	3500		•
XBO 2000W/HPN	69061	2000	2400	3000		•
XBO 3000W/HPN	69084	3000	1500	1900		•
XBO 4000W/HPN	69060	4000	650	750		•
XBO 4000W/HPN L	69085	4000	1100	1400		•
XBO 4500 W/HPN	69113	4500	1000	1300		•
XBO 6000W/HPN	69123	6000	650	800		•

<sup>1</sup> Service Warranty Lifetime: Warranted hours in the event of a lamp rupture. Covers the cost of damage to the optical and mechanical parts of a projector that is caused solely due to a defect in the lamp's material or workmanship. For details, see our latest revision of OSRAM XBO Xenon Short Arc Lamp Limited Warranty.

<sup>2</sup> OSRAM does not recommend and will not warranty XBO lamps on "H" type power supplies because of excessive inrush current and high ripple current exceeding the OSRAM lamp specifications. With respect to other power supplies used in Christie digital projectors, they must meet OSRAM lamp specifications. Contact your OSRAM representative for additional details.

## OSRAM

Americas Headquarters

OSRAM SYLVANIA Inc.

100 Endicott Street

Danvers, MA 01923 USA

Phone 1-800-LIGHTBULB (1-800-544-4828)

www.osram-americas.com

## OSRAM

Display/Optic Specialty Lighting

OSRAM SYLVANIA Inc.

129 Portsmouth Avenue

Exeter, NH 03833

United States: 888-677-2627

Canada: 800-265-2852

Mexico: 525-899-1807

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