





XBO® cinema lamps

Go from moving to memorable

osram.com/cinema



XBO°

Light is fame XBO° continues creating new stars

In the right light, a nameless model becomes a timeless movie star and a cinema screen becomes an exciting new world. After decades of creating stars and delivering outstanding performances, XBO° has earned its home in the movie-making capital of the world.

In 1954 an international cinema icon was born. That was when the XBO° lamp superseded the carbon lamp as the new standard in cinema projection. This light source was so successful in enhancing the screen presence of full-color Hollywood blockbusters that our former brand OSRAM was presented with a coveted Oscar for the XBO° lamp at the 1983 Academy Awards ceremony.

Continuously modified and improved over the years, XBO° cinema lamps have kept pace with the switch to digital cinema since 2000. Today they represent the cutting edge of film technology – they are sturdy, durable, efficient and impress with their illuminance.

Count on XBO® from ams OSRAM to develop glamorous new stars and new ways to shine on screen.

XBO® historical milestones

1954 World's first XBO® lamp replaced the traditional carbon arc.

1955 XBO° 1600 W lamp introduced to Europe.

1961 Introduction of XBO° 2500 W xenon short arc lamps.

1970 XBO° lamps optimized for horizontal operation

1980 XBO° lamps with ozone-free quartz.

1983 ACADEMY AWARD® for technical achievement in development of XBO® lamps.

 $2000~\text{XBO}^{\circ}$ 12.000 W lamp with the highest light output for 35 mm projection.

2001 Extended durability and enhanced warranty program of the XBO° lamp.

2002 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 Finalized mechanization of XBO° cinema lamp production with the first fully automated XBO° production of the world.

2011 Introduction of the 2nd generation of digital cinema lamps.

2012/2013 Introduction of long life lamps for digital cinema projection.

2014 60th anniversary of XBO° cinema lamps.

2018 Introduction of XBO° Service Platform (app).

2024 70th anniversary of XBO° cinema lamps.



Our passion for light shines on the big screen.



Going to the cinema is not just about watching blockbuster movies while eating popcorn. It's about escaping daily life and diving into another world. For 70 years, our XBO® lamps have delighted audiences worldwide and transformed a visit to the cinema into an experience they will remember.

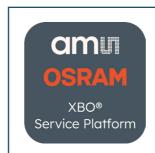
The age of digital cinema has placed huge demands on projection technology, but XBO° cinema lamps have stayed one step ahead of the demands with continuous improvements and upgrades.

New digital cinema projectors and large screens require a high light output. XBO° cinema lamps rise to the challenge with a level of luminance that guarantees brilliant, high-resolution images while maintaining the quality of the image—all with an impressive lifespan.

XBO° product highlights in details

- 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 10000W
- Designed to perform best within the projectors of all major manufacturers









 XBO°

Light is never-ending XBO® delivers long-lasting emotions

Our passion for illuminating the world's stories motivates continuous improvements. With our XBO° cinema lamps, we offer product exceeding the highest expectations for quality, cost-per-hour and customer service. Our large cinema lamp portfolio guarantees the ideal lamp for your theater. Reduce your cost of ownership, thanks to our new long-life generation with minimal aging over the lifetime. With XBO° digital cinema lamps, the drama remains on the screen!



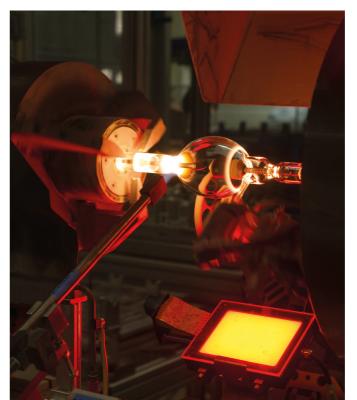


Best quality – automatically!

XBO° cinema lamps are from genuine ams OSRAM production "Made in Berlin, Germany". The automated processing of highquality materials together with strict quality controls ensures a consistent high lamp standard.







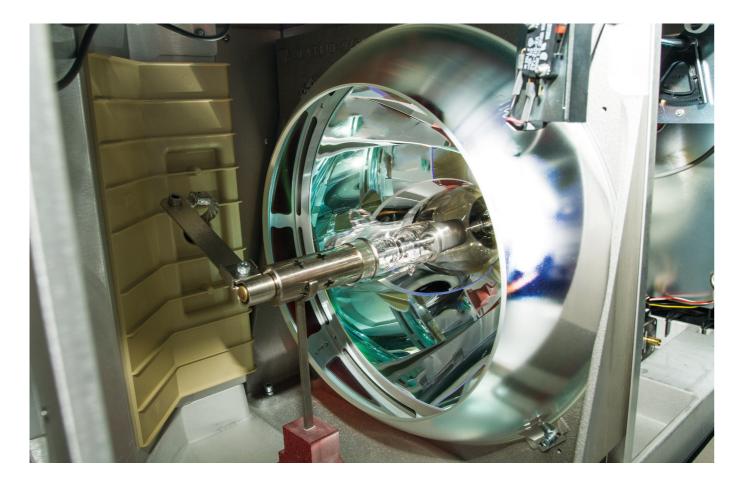
The XBO® delivers what it promises. Guaranteed!

Not only do XBO® theater lamps set high quality standards, they also come with a warranty that is the best in the industry.

XBO°

Light is connecting Perfect couple: Projector and XBO®

The right partner is essential! ams OSRAM therefore offers a technically advanced range of XBO° cinema lamps specifically customized for all digital projectors provided by the leading manufacturers. There is a powerful and cost-effective XBO° solution for every projector and theater.



GLOBAL presence – serving our XBO° customers around the world.

Our XBO° technical experts are always here to give competent answer and advice to any technical question. Well trained field application engineers are available wherever you are located in the world ready to assit you with any lamp issue you might have. Also visit our distributors search tool and locate a XBO° dealer in your area.

www.osram.com/entind_distributorsearch

Lamp installation and disposal guide

Handling and Warning

Before installing the XBO° lamps always review the instructions supplied in the projector manufacturers' manual. Always wear safety equipment, including a protective jacket, lint-free gloves, and face shield before installing the XBO° lamps. These items are available from your OSRAM dealer. Xenon Lamps should only be handled at room temperature. Please allow sufficient cool down time for at least 10 minutes after the lamp is turned off before open the lamp house. Turn off the electrical power prior installing, removing lamp or cleaning the lamp house. All XBO° lamps are supplied in a safety cover. This protects users against flying lamp remains in case a lamp will burst. There is enough energy stored in the lamp bulb to send quartz splinters flying several meters across a room. When the lamp is installed, its safety cover must not be removed until it has been fitted in the lamp housing and shortly before the housing is closed. XBO° lamps may only be held with lint-free gloves by the metal bases, never touch the glass with bare fingers! In case the quartz bulb was touched with bare fingers the fingerprints need to be removed immediately with an alcohol soaked lint-free cloth. Please avoid denting or scratching the quartz glass surface. Otherwise lamp could burst or will not reach the lifetime during later operation. We recommend realignement of the lamp after 200 hours of run time have passed. This will make up for electrode burn back and will assure best light output throughout the life time. Useful installation videos about how to change the XBO° lamps in different projectors can be found:

- English: www.osram.com/xbo
- German: www.osram.de/xbo

Disposal

End of life XBO° lamps can either be returned to municipal collection stations for appropriate disposal by methods consistent with modern recycling, if possible in the original transport packaging or in that of the replacement lamps shall be destroyed by the user. Observing all the precautions given in the "Installation section", it is advisable to wrap the lamps up in the safety cover and to seal the ends tightly with the enclosed hook-and-loop strips. The hook-and-loop strips have to press the fleece tightly onto the lamp bases. The lamps can then be discharged safely by free fall from a height of about 1–2 meters onto solid ground (put on safety glasses and protective clothing!). The xenon gas that escapes is not poisonous and returns to the atmosphere from where it came. The remains of the lamp can be disposed of as rubbish and the electrodes and rods (i.e. tungsten material) sent for recycling.

Transport and storage guideline

Transport of XBO° lamps

XBO° lamps will always be supplied in original packaging. XBO° lamps should only be shipped within its original packaging to avoid transport damages. Lamps being returned for warranty should be insured for the amount of anticipated credit and have to be shipped within original packaging.

Storage

XBO° lamps should be stored under conditions by avoiding excessive climatic changes.



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XBO[®]

XBO° technical data

XBC1*200W/DHP	Product reference	Product number	Warranty h	Service warranty h	Rated wattage W	Minimum power W	Maximum power W	Minimum current A	Maximum current A
XBD' 2000W/DHP	XBO° 1200W/DHP	4062172030472	3000	3800	1200	840	1200	41	63
XBO7_2200W/DHP	XBO° 1600W/DHP	4062172030465	3000	3800	1600	1120	1600	57	86
XBO*2500W/DHP	XBO° 2000W/DHP L	4062172030427	3300	3500	2000	1400	2000	64	95
XBO* 3000W/DHP 4062172030410 1500 1900 3000 2100 3000 77 113 XBO* 3000W/DHP L 4062172030502 1900 2100 3000 2100 3000 76 111 XBO* 3000W/DHP XL 4062172030540 1500 2000 3000 2100 3000 77 113 XBO* 3000W/DHP XL 4062172030540 1500 2000 3000 2100 3000 77 113 XBO* 3000W/DHP XL 4062172030540 1500 2000 3000 2100 3000 77 113 XBO* 4000W/DHP L 4062172030597 1100 1400 4000 2940 4200 95 137 XBO* 4000W/DHP L 4062172030673 1500 1500 4000 2940 4200 95 137 XBO* 4000W/DHP XL 4062172030673 1500 1900 4000 2940 4200 95 137 XBO* 4000W/DHP XL 4062172030673 1000 1300 4500 3150 4500 108 155 XBO* 4500W/DHP XL 4062172030678 1500 1500 4500 3150 4500 108 155 XBO* 4500W/DHP XL 4062172030678 650 800 6000 4500 6000 125 160 XBO* 6500W/DHP XL 4062172030670 900 1100 6000 4500 6000 125 160 XBO* 6500W/DHP XL 4062172030673 500 750 6500 5000 6500 133 173 XBO* 6500W/DHP XL 4062172030755 700 800 6500 5000 6500 133 173 XBO* 6500W/DHP XL 4062172030755 700 800 6500 5000 6500 133 173 XBO* 6500W/DHP XL 4062172030755 700 800 6500 5000 6500 133 173 XBO* 6500W/DHP XL 4062172031707 400 500 7000 4900 7000 130 175 XBO* 1600W/DTS 4052899417798 3250 3550 1400 1000 1430 40 70 XBO* 1600W/DTS 4052899417798 3250 3550 1400 1000 1430 40 70 XBO* 1600W/DTS 4052899417798 3250 3550 1400 1000 1400 2000 64 95 XBO* 2000W/DTS 4052899438276 1800 2100 1800 1200 1600 2000 64 95 XBO* 2000W/DTS 4052899438276 1800 2100 1800 2100 3000 77 113 XBO* 5000W/DTS 405289938528 1100 1500 2000 1400 2000 64 95 XBO* 2000W/DTS 405289938528 1300 1500 2000 1400 2000 64 95 XBO* 2000W/DTS 405289938528 1300 1500 3000 2100 3000 77 113 XBO* 5000W/DTS 405289	XBO° 2200W/DHP	4062172030373	1500	2000	2200	1540	2200	68	95
XBO'S000W/DHP L	XBO° 2500W/DHP	4062172030380	1700	2000	2500	1700	2500	63	95
XBO* 5000W/DHP XL 4062172030540 1500 2000 3000 2100 3000 76 111 XBO* 5000W/DHP 4062172030541 1500 2000 3000 2100 3000 77 113 113 113 113 113 114 115	XBO° 3000W/DHP	4062172030410	1500	1900	3000	2100	3000	77	113
XBO* 3000W/DHS	XBO° 3000W/DHP L	4062172030502	1900	2100	3000	2100	3000	76	111
XBO* 4000W/DHP	XBO° 3000W/DHP XL	4062172092401	2200	2400	3000	2100	3000	76	111
XBO* 4000W/DHP L	XBO° 3000W/DHS	4062172030540	1500	2000	3000	2100	3000	77	113
XBO* 4000W/DHP LL	XBO° 4000W/DHP	4062172030397	1100	1400	4000	2940	4200	91	130
XBO* 4000W/DHP XL	XBO° 4000W/DHP L	4062172030403	1300	1500	4000	2940	4200	95	137
XBO* 4500W/DHP	XBO° 4000W/DHP LL	4062172114080	1500	1900	4000	2940	4200	95	137
XBO* 4500W/DHP L 4062172030588 1300 1500 4500 3150 4500 108 155 XBO* 6000W/DHP 4062172030663 650 800 6000 4500 6000 131 174 XBO* 6000W/DHP L 4062172030667 900 1100 6000 4500 6000 125 160 XBO* 6000W/DHP X 406217203039 1000 1200 6000 4500 6000 125 160 XBO* 6500W/DHP 4062172030731 500 750 6500 5000 6500 133 173 XBO* 6500W/DHP L 4062172030755 700 800 6500 5000 6500 133 173 XBO* 6500W/DHP X 4062172030781 4062172030785 700 800 6500 5000 6500 133 173 XBO* 6500W/DHP X 4062172030844 900 1000 6500 5000 6500 133 173 XBO* 6500W/DHP X 4062172031684 900 1000 6500 5000 6500 133 173 XBO* 6500W/DHP X 4062172031707 400 500 7000 4900 7000 130 175 XBO* 7000W/DHP 4062172031707 400 500 7000 4900 7000 130 175 XBO* 1400W/DTS 4052899417786 3250 3500 1400 1000 1430 40 70 XBO* 1800W/DTS 405289943276 1800 2100 1800 1260 1800 50 83 XBO* 2000W/DTP 4052899380862 1300 1500 2000 1400 2000 60 90 XBO* 2000W/DTS 405289938843 3300 1500 2000 1400 2000 64 95 XBO* 2000W/DTS 4052899357828 1100 1500 2100 1610 2100 60 85 XBO* 2300W/DTS 4052899357828 1100 1500 2100 1610 2300 60 90 XBO* 3000W/DTP 4052899350549 1000 1200 2300 1610 2300 60 90 XBO* 3000W/DTP 4052899350549 1000 1200 2300 1610 2300 60 90 XBO* 3000W/DTP 4062172031887 1000 1500 3000 2100 3000 74 109 XBO* 3000W/DTP 4062172030489 1200 1500 3000 2100 3000 77 113 XBO* 4500W/DTP 4062172030700 600 750 6000 4500 6000 130 155 XBO* 6000W/DTP 4062172030342 3000 3000 3150 4500 3150 4500 3100 3150 3500 3000 3100	XBO° 4000W/DHP XL	4062172092395	1900	2100	4000	2940	4200	95	137
XBO* 6000W/DHP	XBO° 4500W/DHP	4062172030571	1000	1300	4500	3150	4500	108	155
XBO* 6000W/DHP L	XBO° 4500W/DHP L	4062172030588	1300	1500	4500	3150	4500	108	155
XBO° 6000W/DHP XL	XBO° 6000W/DHP	4062172030663	650	800	6000	4500	6000	131	174
XBO° 6500W/DHP	XBO° 6000W/DHP L	4062172030670	900	1100	6000	4500	6000	125	160
XBO* 6500W/DHP L	XBO° 6000W/DHP XL	4062172110839	1000	1200	6000	4500	6000	125	160
XBO* 6500W/DHP XL	XBO° 6500W/DHP	4062172030731	500	750	6500	5000	6500	133	173
XBO* 6500W/DHP IX 4062172363792 1000 1200 6500 5000 6500 133 173 XBO* 7000W/DHP 4062172031707 400 500 7000 4900 7000 130 175 XBO* 1400W/DTS 4052899417793 3250 3500 1400 1000 1430 40 70 XBO* 1600W/DTS 4052899417786 3250 3500 1600 1100 1600 50 80 XBO* 1800W/DTS 405289938743276 1800 2100 1800 1260 1800 50 83 XBO* 2000W/DTS 4052899380862 1300 1500 2000 1400 2000 60 90 XBO* 2100W/DTS 4052899376328 1100 1500 2100 1610 2100 60 85 XBO* 2300W/DTS 4052899359659 1000 1200 2300 1610 2300 60 90 XBO* 300W/DTP 4052899430549 1900 2800 3000 2100 3000	XBO° 6500W/DHP L	4062172030755	700	800	6500	5000	6500	133	173
XBO* 7000W/DHP	XBO° 6500W/DHP XL	4062172031684	900	1000	6500	5000	6500	133	173
XBO* 1400W/DTS	XBO° 6500W/DHP IX	4062172363792	1000	1200	6500	5000	6500	133	173
XBO* 1600W/DTS 4052899417786 3250 3500 1600 1100 1600 50 80 XBO* 1800W/DTS 4052899343276 1800 2100 1800 1260 1800 50 83 XBO* 2000W/DTS 4052899308862 1300 1500 2000 1400 2000 60 90 XBO* 2000W/DTP L 4052899287884 3300 4000 2000 1400 2000 64 95 XBO* 2100W/DTS 4052899376328 1100 1500 2100 1610 2100 60 85 XBO* 2300W/DTS 4052899359659 1000 1200 2300 1610 2300 60 90 XBO* 3000W/DTP 4052899430549 1900 2800 3000 2100 3000 74 109 XBO* 3000W/DTS 4062172030489 1200 1500 3000 2100 3000 77 113 XBO* 4500W/DTP 4062172031387 1000 1300 4500 3150 4500	XBO° 7000W/DHP	4062172031707	400	500	7000	4900	7000	130	175
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XBO° 4200W/HPS 4062172030298 700 850 4200 2100 4200 73 137	XBO° 2000W/HPS L	4062172030342	3000	3500	2000	1400	2000	46	87
	XBO° 3000W/HPS	4062172030335	1000	1300	3000	1500	3000	60	112
XBO* 4200W/HPS LL 4062172030281 1000 1200 4200 2100 4200 69 131	XBO° 4200W/HPS	4062172030298	700	850	4200	2100	4200	73	137
	XBO° 4200W/HPS LL	4062172030281	1000	1200	4200	2100	4200	69	131

XBO° cross reference list

Product reference	Projector type				
BARCO projectors					
XBO° 1200W/DHP	8S, 10S, 12C, 15C, 20C, 19B, 23B				
XBO° 1600W/DHP	8S, 10S, 12C, 15C, 20C, 19B, 23B				
XBO° 2000W/DHP L	8S, 10S, 12C, 15C, 20C, 19B, 23B				
XBO° 2200W/DHP	8S, 10S, 12C, 15C, 20C, 19B, 23B				
XBO° 2500W/DHP	15C, 20C, 19B, 23B				
XBO° 3000W/DHP	15C, 20C, 19B, 23B				
XBO° 3000W/DHP L	15C, 20C, 19B, 23B				
XBO° 3000W/DHP XL	15C, 20C, 19B, 23B				
XBO° 3000W/DHS	32B				
XBO° 4000W/DHP	15C, 20C, 19B, 23B				
XBO° 4000W/DHP L	15C, 20C, 19B, 23B				
XBO° 4000W/DHP LL	15C, 20C, 19B, 23B				
XBO° 4000W/DHP XL	15C, 20C, 19B, 23B				
XBO° 4500W/DHP	32B				
XBO° 4500W/DHP L	32B				
XBO° 6000W/DHP	32B				
XBO° 6000W/DHP L	32B				
XBO° 6000W/DHP XL	32B				
XBO° 6500W/DHP	32B				
XBO° 6500W/DHP L	32B				
XBO° 6500W/DHP XL	32B				
XBO° 6500W/DHP IX					
XBO° 7000W/DHP	32B				
CHRISTIE projectors					
XBO° 1400W/DTS	CP2208, CP2308, CP2210, CP2215, CP2000M, Solaria One / One+				
XBO° 1600W/DTS	CP2208, CP2308, CP2210, CP2215, CP2000M, Solaria One / One+				
XBO° 1800W/DTS	CP2210, CP2215, CP2000M				
XBO° 2000W/DTS	CP2210, CP2215, CP2000M				
XBO° 2000W/DTP L	CP2220, CP4220, CP2230, CP4230, CP2000ZX, CP2000SB/XB/SX				
XBO° 2100W/DTS	CP2208, CP2308, Solaria One / One+				
XBO° 2300W/DTS	CP2210, CP2215, CP2000M				
XBO° 3000W/DTP	CP2220, CP4220, CP2230, CP4230, CP2000ZX, CP2000SB/XB/SX				
XBO° 3000W/DTP L	CP2220, CP4220, CP2230, CP4230, CP2000ZX, CP2000SB/XB/SX				
XBO° 3000W/DTS	CP2220, CP4220, CP2000ZX				
XBO° 4500W/DTP	CP2230, CP4230, CP2000SB/XB/SX				
XBO° 4500W/DTP L	CP2230, CP4230, CP2000SB/XB/SX				
XBO° 6000W/DTP	CP2230, CP4230, CP2000SB/XB/SX				
XBO° 6000W/DTP L	CP2230, CP4230, CP2000SB/XB/SX				
XBO° 6000W/DTP XL	CP2230, CP4230, CP2000SB/XB/SX				
SONY projectors					
XBO° 2000W/HPS L	SRX-R320, SRX-R220				
XBO° 3000W/HPS	SRX-R320, SRX-R220				
XBO° 4200W/HPS	SRX-R320, SRX-R220				
XBO° 4200W/HPS LL	SRX-R320, SRX-R220				

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XBO° technical data

Product reference	Product number	Warranty h	Service warranty h	Rated wattage W	Minimum power W	Maximum power W	Minimum current A	Maximum current A
XBO° 1200W/HPN	4062172030496	3000	3500	1200	840	1200	41	63
XBO° 2000W/HPN L	4062172030458	3300	3500	2000	1400	2000	60	85
XBO° 3000W/HPN	4062172030328	1500	1900	3000	2100	3000	77	108
XBO° 3000W/HPN L	4062172030533	2200	2400	3000	2100	3000	75	103
XBO° 4000W/HPN	4062172030267	650	750	4000	2800	4000	90	125
XBO° 4000W/HPN L	4062172030274	1100	1400	4000	2800	4000	90	125
XBO° 4000W/HPN XL	4062172225489		2100	4000	2800	4000	92	132
XBO° 4500W/HPN	4062172030557	1000	1300	4500	3150	4500	108	150
XBO° 4500W/HPN L	4062172030595	1300	1500	4500	3150	4500	108	150
XBO° 6000W/HPN	4062172030649	650	800	6000	4500	6000	120	163
XBO° 6000W/HPN L	4062172030687	1000	1200	6000	4500	6000	125	158
XBO° 7000W/HPN	4062172031691	400	500	7000	4900	7000	135	175
XBO° 4500W/HSLA	4062172030564	1000	1300	4500		4500	108	155
	4062172030564		800	6000		6000		
XBO° 6000W/HSLA XBO° 6500W/HSLA	4062172030656	500 500	750	6500		6500	108	155 155

XBO° cross reference list

Product reference	Projector type			
NEC projectors				
XBO° 1200W/HPN	1200C, 1600C, 2000C			
XBO° 2000W/HPN L	1200C, 1600C, 2000C			
XBO° 3000W/HPN	1600C, 2000C			
XBO° 3000W/HPN L	1600C, 2000C			
XBO° 4000W/HPN	1600C, 2000C			
XBO° 4000W/HPN L	1600C, 2000C			
XBO° 4000W/HPN XL				
XBO° 4500W/HPN	2500S, 3200S, 3240S			
XBO° 4500W/HPN L	2500S, 3200S, 3240S			
XBO° 6000W/HPN	2500S, 3200S, 3240S			
XBO° 6000W/HPN L	2500S, 3200S, 3240S			
XBO° 7000W/HPN	2500S, 3200S, 3240S			
KINOTON projectors				
XBO° 4500W/HSLA				
XBO° 6000W/HSLA				
XBO° 6500W/HSLA				

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XBO°

Trouble-shooting tips

Unexpected decreased LAMP LIFE

XBO° lamps usually reach the end of their life through wear of the electrodes, as this will lead to an increase of flickering and decrease of light output. In case of early lamp failure, the respective sections provide help for trouble-shooting. This should be carefully checked before a new lamp is installed.

Lamp does not ignite

If the lamp does ignite poorly or not at all the following has to be checked:

- Is the lamp type suitable for this projector?
- Is the lamp correct fitted regarding the installation instruction provided by projector and lamp manufacturer?
- Is the power lead between lamp and lamp house connected?
- Have you set the correct lamp type in the projector menu?
- Has the lamp already reached the end of life time?
- Does the cooling system work sufficient?
- Does the projector run with the latest software?

Visible Flickering on screen

If flicker is observed after installing a new lamp, the following has to be checked:

- Is the lamp type suitable for this projector?
- Has the lamp been turned on for at least 10 minutes, to obtain thermal stabilization?
- Have you set the correct lamp type in the projector menu?
- Is the lamp being operated within the correct projector settings for current and power range?
- Please check for strong vibration by lamp cooling and exhaust fans?
- Is the lamp correctly adjusted within the optical system (reflector)?

If flicker is observed during lamp lifetime, the previous and the followings need to be checked:

- Adjust the lamp one more time in the optical system (reflector)! Due to the burn back effect of the electrode the brightest point of the light arc will shift out of alignment within the reflector focus
- Set the lamp power to at least 85% of maximum power





Discoloration of lamp bases, cable and cable lugs

XBO° lamps produce an extremely high level of heat. Most of the heat must be dissipated by convection and radiation. Thermal blockages and excessive temperatures must be avoided.

If the upper limit of 230°C is exceeded, the lamp bases and cable discolour from light yellow till brown and blue.

- Check the lamp cooling and exhaust fans
- Check air filters for lamp cooling, they may be blocked
- Loose screws or insufficient electrical cable connection are decreasing the contact
- Wrong electrical current and lamp power settings
- Check the adjustment of the lamp in the optical system (reflector)

Due to an incorrect lamp adjustment in the optical system, emitted radiation could focus on lamp bases and cable.

Burst lamp

XBO° lamps are made of quartz glass and have a high internal pressure (about 60 bar in operation). However, they are very safe and burst lamps are rare. Possible reasons for a burst lamp:

- Lamp life exceeded beyond our "Service Warranty"
- Incorrect lamp installation
- Wrong electrical current and lamp power settings
- Insufficient lamp cooling system, blocked air filters
- Scratches on the outer skin of the quartz
- Slightly damages by heavy shocks which were caused by rough transport
- Recrystallization on the surface of the quartz glass bulb caused by fingerprints which have not been removed
- Strong bulb blackening degrade the emission of radiation by the quartz bulb and causes a rise in lamp bulb temperature and pressure

Not enough light

If the initial light output is to low or has decreased rapidly, the following must be checked:

- Is the lamp type suitable for this projector?
- Does the lamp have turned on for at least 10 minutes, to obtain the initial brightness?
- Have you set the correct lamp type in the menu?
- Is the lamp being operated within the correct lamp current and power range?
- Is strong bulb blackening visible?
- Is the optical system (reflector, lenses) very dusty and soiled?
- Is the lamp correctly adjusted to the optical system (reflector)?

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The XBO® Service Platform: Your all-access pass to our expertise

The XBO° Service Platform puts the comprehensive knowledge of ams OSRAM's cinema lighting professionals at your fingertips. Our app for Android and iOS is an industry first, designed with cinema technicians in mind. To keep the tool simple and easy to access for our customers, we do not require registration.

The XBO° Service Platform is an easy to use and time-saving tool offering the following functions:

General XBO° product information

 Find product-related information, such as technical data and warranty timeframes, for each lamp type according to the projector type

Training & technical support

- Get a view of the XBO® lamp production
- Learn how to install OSRAM's XBO® lamps in various projector types
- Troubleshoot the lamp issues with helpful videos and step-by-step instructions

News

Get the latest scoop on events, product launches and promotions

Contact information

Reach our local and global XBO® experts easily

Download the app and have almost 70 years of XBO® lighting expertise with you at all times!







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