

OSRAM XBO® Xenon Short-Arc Lamp Limited Warranty

For Standard and Xtreme (XL) Types used in Cinema Projectors

This document describes the limited warranty for the OSRAM XBO Xenon Short-Arc lamps listed in Schedule 1 attached hereto (the "lamps"). OSRAM SYLVANIA Products Inc. ("OSRAM SYLVANIA") extends this limited warranty to the original purchaser only.

These lamps are warranted to perform in accordance with OSRAM's published specifications for the number of hours set forth in Schedule 1 (the "Warranty Lifetime"). A lamp is deemed defective if during the Warranty Lifetime (i) the lumen intensity decreases below 50% of the initial lumen value, (ii) the lamp fails to ignite or (iii) unacceptable lamp flickering occurs as determined by OSRAM SYLVANIA in its sole judgment. Purchaser's sole remedy, and OSRAM SYLVANIA's sole obligation under this warranty, is limited to, at OSRAM SYLVANIA's option, granting credit to Purchaser for the purchase price of a defective lamp or providing a free replacement lamp (labor not included). This limited warranty does not apply to any lamp that has been subjected to abuse or mishandling. OSRAM SYLVANIA's warranty applies only when the lamp is properly handled and installed, including correct alignment and cooling and correct arc magnetic stabilization; is operated on a suitable power supply within the electrical values recommended by OSRAM; and is used in a properly functioning projection system, all in accordance with the instructions set forth in OSRAM's *Technology and Applications XBO Theatre Lamps and Guidelines for Control Gears and Igniters*.

In the event of a lamp rupture that occurs during the Warranty Lifetime that is caused solely due to a defect in the lamp's materials or workmanship, OSRAM SYLVANIA will (i) credit the Purchaser the purchase price for the lamp or provide a free replacement lamp (labor not included) or (ii) in the event the projector filter and/or mirror is damaged as a result of a ruptured lamp, will credit the Purchaser the replacement invoice amount for such damaged projector part (labor included).

THE FOREGOING SHALL CONSTITUTE THE SOLE AND EXCLUSIVE REMEDY OF PURCHASER. THE TOTAL LIABILITY OF OSRAM SYLVANIA SHALL NOT EXCEED THE PURCHASE PRICE ALLOCABLE TO THE LAMP (AND ANY APPLICABLE PROJECTOR PART), WHICH GIVES RISE TO A CLAIM. NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS MADE OR IMPLIED. OSRAM SYLVANIA WILL NOT, UNDER ANY CIRCUMSTANCE, WHETHER AS A RESULT OF BREACH OF CONTRACT OR WARRANTY, TORT, OR OTHERWISE, BE LIABLE FOR ANY COSTS OR DAMAGES, INCLUDING LOST PROFITS OR REVENUES, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS AND/OR DO NOT ALLOW THE EXCLUSION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS AND EXCLUSIONS MAY NOT APPLY.

To obtain service under this warranty, a Product Complaint Report (PCR) must be completed and e-mailed or faxed to the OSRAM SYLVANIA Professional and Industrial Applications (PIA) Customer Service Center (instructions on the form). Upon receiving a Return Materials Authorization Number, Purchaser shall promptly return the subject lamp with the original invoice number, or in the case of a ruptured lamp, pictures of the lamp, and if applicable, the replacement invoices for the damaged projector filter and/or mirror, to the address specified by the OSRAM SYLVANIA PIA Customer Service Center. To avoid any further damage, transportation in the original OSRAM box is required. Failure to follow this procedure shall void the warranty.

OSRAM SYLVANIA reserves the right to (i) examine all failed lamps, including ruptured lamps, and the projector in which such lamps are used, and (ii) be the sole judge as to whether any lamps are defective and covered under this warranty. OSRAM SYLVANIA's obligation under this warranty is expressly limited to lamps which are determined to be defective, provided the defects involved have not been caused by abuse, misuse, neglect, improper installation or operation, alteration, accident or act of God.

Effective as of January 1, 2010.

The OSRAM logo is displayed in a bold, orange, sans-serif font.

Schedule 1

XBO Product Description	Initial Lumens¹	Warranty Lifetime Hours
XBO 500 W/H OFR	14,500	2,000
XBO 900 W OFR	30,000	2,400
XBO 1000 W/HS OFR	32,000	2,000
XBO 1000 W/HSC OFR	32,000	2,000
XBO 1000 W/HTP OFR	35,000	2,400
XBO 1600 W/CA OFR ²	60,000	2,400
XBO 1600 W XL OFR ²	60,000	3,500
XBO 1600 W/HS XL OFR	70,000	2,500
XBO 1600 W/HSC XL OFR	70,000	2,500
XBO 2000 W/H XL OFR	80,000	3,500
XBO 2000 W/HCC OFR	80,000	2,400
XBO 2000 W/HS OFR	80,000	2,400
XBO 2000 W/HTP XL OFR	80,000	3,500
XBO 2000 W/SHSC OFR	80,000	2,000
XBO 2001 W/HTP OFR	80,000	2,400
XBO 2500 W OFR ²	100,000	2,000
XBO 2500 W/HS XL OFR	100,000	2,200
XBO 2500 W/HTP OFR	100,000	1,500
XBO 3000 W/H XL OFR	130,000	2,200
XBO 3000 W/HS XL OFR	130,000	2,200
XBO 3000 W/HTP XL OFR	130,000	2,200
XBO 4000 W/HS XL OFR	155,000	1,500
XBO 4000 W/HTP XL OFR	155,000	1,500
XBO 4200 W/CA OFR ²	190,000	1,000
XBO 4200 W/GS OFR	190,000	1,000
XBO 4500 W/HS XL OFR	190,000	1,400
XBO 4500 W/HTP XL OFR	190,000	1,400
XBO 5000 W/H XL OFR	225,000	1,200
XBO 5000 W/HBM XL OFR	225,000	1,200
XBO 6000 W/HS XL OFR	280,000	750
XBO 6000 W/HTP XL OFR	280,000	750
XBO 7000 W/HS XL OFR	350,000	650
XBO 8000 W/HS OFR	400,000	500

¹ Spherical Lumens

² Vertical Operation Only

XBO is a registered trademark of OSRAM GmbH

March 1, 2018

