

OSRAM XBO® Xenon Short-Arc Lamp Limited Warranty For Application in Christie®, Sony®, NEC® and Other Cinema Digital 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). In the event of a lamp rupture that occurs after expiration of the Warranty Lifetime but within the Service Warranty Lifetime specified on Schedule 1 (the "Service Warranty Lifetime") that is caused solely due to a defect in the lamp's materials or workmanship, OSRAM SYLVANIA will credit the Purchaser the replacement invoice amount for any projector filter and/or mirror that is damaged as a result of the ruptured lamp (labor included), but shall not provide a replacement lamp for the ruptured lamp.

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.



Schedule 1

XBO® Product Description	Warranty Lifetime (Hours)	Service Warranty Lifetime (Hours)
XBO Xenon Lamps for CHRISTIE® Digital Cinema Projectors		
XBO 1400 W/DTS OFR	3,000	3,500
XBO 1600 W/DTS OFR	3,000	3,500
XBO 1800 W/DTS OFR	1,750	2,000
XBO 2000 W/DTS OFR	1,100	1,300
XBO 2100 W/DTS OFR	1,000	1,300
XBO 2300 W/DTS OFR	750	1,000
XBO 3000 W/DTS OFR	1,000 ¹	1,300 ¹
XBO 2000 W/DTP OFR	2,400 ¹	3,000 ¹
XBO 2000 W/DTP L OFR	3,000 ¹	3,300 ¹
XBO 3000 W/DTP OFR	1,500 ¹	1,900 ¹
XBO 3000 W/DTP L OFR	1,900 ¹	2,100 ¹
XBO 4500 W/DTP OFR	1,000 ¹	1,300 ¹
XBO 4500 W/DTP L OFR	1,300 ¹	1,500 ¹
XBO 6000 W/DTP OFR	600 ¹	750 ¹
XBO 6000 W/DTP L OFR	800 ¹	1,000 ¹
XBO Xenon Lamps for SONY® Digital Cinema Projectors		
XBO 2000 W/HPS L OFR	3,000	3,300
XBO 3000 W/HPS OFR	1,000	1,300
XBO 4200 W/HPS OFR	700	800
XBO 4200 W/HPS L OFR	1,000	1,200
XBO Xenon Lamps for NEC® Digital Cinema Projectors		
XBO 1200 W/HPN OFR	3,000	3,500
XBO 2000 W/HPN OFR	2,400	3,000
XBO 2000 W/HPN L OFR	3,000	3,300
XBO 3000 W/HPN OFR	1,500	1,900
XBO 3000 W/HPN L OFR	1,700	2,000
XBO 4000 W/HPN OFR	650	750
XBO 4000 W/HPN L OFR	1,100	1,400
XBO 4500 W/HPN OFR	1,000	1,300
XBO 4500 W/HPN L OFR	1,300	1,400
XBO 6000 W/HPN OFR	650	800
XBO 6000 W/HPN L OFR	800	1,000

¹ OSRAM does not recommend and will not warranty XBO lamps on "H" type power supplies because of excess inrush current and high ripple current exceeding the OSRAM lamp specifications. With respect to other power supplies used in Christie projectors, they must meet OSRAM's lamp specifications. Contact your OSRAM representative for additional details.

XBO is a registered trademark of OSRAM GmbH.
All other trademarks are those of their respective owners.

March 1, 2018

