WARRANTY DECLARATION

1) PRODUCT
Mercury Short Arc Lamp, type HBO® 7500W/NILH2

2) WARRANTY LIFETIME

Operation mode	IGNITION*	LIGHT MAINTENANCE	RUPTURE
Constant power of 7500W	2250h	2250h**	2250h

*) number of ignitions must not exceed 30
**) relative intensity on wafer is higher than 70% of initial value, excluding additional aging of tool optics.

3) RUPTURE
If the lamp ruptures during operation within the WARRANTY LIFETIME due to a defect as listed in #4 below, OSRAM GmbH will issue a credit for the ruptured lamp and will refund damages to the optical and mechanical parts in the lamp house caused by the ruptured lamp up to an amount as further defined in #4 below.

4) Content of the warranty
During the WARRANTY LIFETIME the warranty covers:

- Defects in Material
- Defects in Workmanship
- Damages during transport in original OSRAM boxes before lamp installation.

OSRAM GmbH will provide a credit in the amount of the initial purchase price of the PRODUCT or replacement free of charge if due to a defect the lamp's LIGHT MAINTENANCE decreases below the values mentioned under 2) in Nikon NSR SF140 / 150 / 155 i-line lithography systems, or the lamp fails to ignite. Non-IGNITION behavior is considered to be 0% LIGHT MAINTENANCE.
In case of lamp ruptures covered under a warranty, OSRAM will reimburse reasonable cost as may be demonstrably required for the replacement of the damaged optical parts (cost for parts only, no labour cost).

5) Conditions for valid claims
The conditions for valid claims are as follows:
If there is a lamp failure, please contact your local OSRAM dealer / supplier.

- Service card (contained in PRODUCT's packaging box) must be filled in properly and returned to OSRAM GmbH.
- The claimed PRODUCT, or in case of lamp rupture remnants thereof, must be returned to OSRAM GmbH for inspection on request. To avoid any further damages transportation in original OSRAM boxes is required.
- In case of a RUPTURED lamp, OSRAM GmbH personnel or other authorised representatives are allowed to inspect the equipment in which the respective PRODUCT was operated.
- The warranty claim has to be issued within 10 working days by email form.
- Invoice copies are required to verify the value of the replacement optical and mechanical parts in case of a lamp rupture.

6) Exclusions
Above remedies described under #3 and #4 are excluded under the following circumstances:

- Rough handling and incorrect installation e.g. incorrect lamp alignment & cooling, incorrect lamp operating parameters.
- Use of a lamp in a malfunctioning projection system (air cooling, igniter, power supply).

The relevant operating conditions applicable for the PRODUCT are defined in the following publications subject to availability:

HBO® TI sheet, guidelines for control gears and igniters.

If a failure described under #3 or #4 according to OSRAM's technical evaluation is not caused by defects according to #4 above, the investigated PRODUCT will be returned and warranty claims will be rejected.
The PRODUCT will be tested to these conditions in order to prove root cause or failure.

In case the failure of the PRODUCT can neither be proven to be caused by the user nor can it be attributed to a fault of the PRODUCT, OSRAM GmbH at its sole discretion may acknowledge or reject such a claim.

OSRAM GmbH makes no other warranty or liability representations and does not assume, except when mandatory by law, any other warranties or liabilities for any kind of damages other than those set forth herein and the above warranties are in lieu of all other warranties express or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose.

Unless there are exceptional circumstances you will also be requested to send the lamps back for further investigations to our Technical Customer Service:

OSRAM GmbH
SP QM CQM
Nonnendammallee 44
D-13625 Berlin
Germany

7) This Warranty Declaration becomes effective as of 28.11.2016.

OSRAM GmbH
Professional Industrial Applications (PIA) Division

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Joachim Denz
Business Segment Manager, PIA C

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Andreas Hundt
Product Marketing, PIA C Industry