

## HBO 7500 W/NIL

HBO-IC Microlithography lamps for Nikon i-line systems | Microlithography lamps for Nikon i-line systems

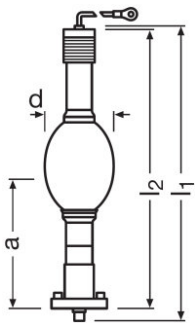


Technical data

Electrical data

Nominal voltage	366 V
Nominal current	20500 A
Type of current	DC
Rated wattage	750000 W
Nominal wattage	750000 W

Dimensions & weight



Diameter	1000 mm
Length	4450 mm
Length with base excl. base pins/connection	445.00 mm
Light center length (LCL)	205.0 mm <sup>1)</sup>
Electrode gap cold	7.5 mm

<sup>1)</sup> Distance from end of base to tip of anode or cathode (cold)

Lifespan

Lifespan	1500 h
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Additional product data

Base anode (standard designation)	SFaX46-15/72 <sup>1)</sup>
Base cathode (standard designation)	SFaX85-16/70
Product remark	Lamp contains overpressure even in cold status - additional safety regulations, supplied with the lamps, have to be fulfilled. Please read Technical bulletin DO-SEM TB 004 carefully

<sup>1)</sup> With cable connection (M 8)

Capabilities

Product datasheet

Cooling	Forced <sup>1)</sup>
Burning position	Other <sup>2)</sup>

<sup>1)</sup> Maximum permissible base temperature: 200 °C / Base cooling

<sup>2)</sup> Anode on top

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	05-03-2024
Primary Article Identifier	4008321352316   4008321635570
Declaration No. in SCIP database	In work

# Product datasheet

## Safety advice

Because of their high luminance, UV radiation and high internal pressure (when hot) HBO lamps may only be operated in enclosed lamp casings specially constructed for the purpose. Mercury is released if the lamp breaks. Special safety precautions must be taken. More information is available on request or can be found in the leaflet included with the lamp or in the operating instructions.

## Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321352316	HBO 7500 W/NIL	Shipping carton box 1	340 mm x 340 mm x 900 mm	104.04 dm <sup>3</sup>	5511.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

## Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.