

## HBO 5500 W/PIL

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



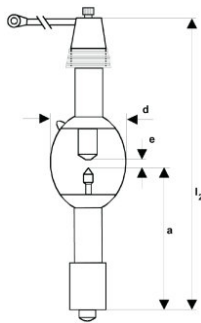
# Product datasheet

## Technical data

### Electrical data

Nominal voltage	27.0 V
Nominal current	204 A
Type of current	DC
Rated wattage	5500.00 W
Nominal wattage	5500.00 W

### Dimensions & weight



Diameter	85.0 mm
Length	325.5 mm
Mounting length	355.0 mm
Length with base excl. base pins/connection	352.50 mm
Light center length (LCL)	154.0 mm <sup>1)</sup>
Electrode gap cold	5.5 mm

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

### Additional product data

Base anode (standard designation)	SFcX42.5-6/50 <sup>1)</sup>
Base cathode (standard designation)	SFa37.5-9/50

<sup>1)</sup> With cable connection (M 10)

### Capabilities

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

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

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

### Environmental information

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Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	01-04-2022
Primary Article Identifier	4008321352293
Candidate List Substance 1	Lead
CAS No. of substance 1	7439-92-1
Safe Use Instruction	The identification of the Candidate List substance is sufficient to allow safe use of the article.
Declaration No. in SCIP database	6B7278B8-D3B4-462A-9326-20823ADB4178

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### 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.

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### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321352293	HBO 5500 W/PIL	Shipping carton box 1	340 mm x 340 mm x 900 mm	104.04 dm <sup>3</sup>	5164.00 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.

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### Disclaimer

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