

## HBO 1003 W/PIL

Micro lithography lamps for ASML i-line systems



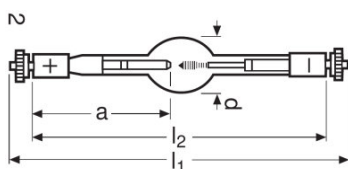
# Product datasheet

## Technical data

### Electrical data

Nominal wattage	1003.00 W
Nominal voltage	27.1 V
Nominal current	25.8 A
Type of current	DC
Rated wattage	700.00 W

### Dimensions & weight



Diameter	29.0 mm
Length	195.0 mm
Length with base excl. base pins/connection	167.50 mm
Light center length (LCL)	85.0 mm <sup>1)</sup>
Electrode gap cold	3.0 mm

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

### Lifespan

Lifespan	2250 h
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### Additional product data

Base (standard designation)	SFc15/SFcX14
Base anode (standard designation)	SFcX14-6/25 <sup>1)</sup>
Base cathode (standard designation)	SFc15-6/25 <sup>2)</sup>

<sup>1)</sup> With cooling fins

<sup>2)</sup> With thread (M6)

### Capabilities

Cooling	Forced <sup>1)</sup>
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<b>Burning position</b>	Vertical <sup>2)</sup>
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<sup>1)</sup> Maximum permissible base temperature: 200 °C

<sup>2)</sup> Anode underneath

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### Country specific information

Product code	METEL code	SEG-No.	STK-Number	UK Org
4050300461380	OSRHBO1003PIL	-	-	-

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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
4050300461380	HBO 1003 W/PIL	Sliding sleeve 1	268 mm x 84 mm x 104 mm	2.34 dm <sup>3</sup>	270.00 g
4050300461397	HBO 1003 W/PIL	Shipping carton box 8	335 mm x 323 mm x 208 mm	22.51 dm <sup>3</sup>	2633.00 g
4050300967097	HBO 1003 W/PIL	Sliding sleeve 1	327 mm x 114 mm x 114 mm	4.25 dm <sup>3</sup>	460.33 g
4050300640327	HBO 1003 W/PIL	Shipping carton box 1	330 mm x 110 mm x 115 mm	4.17 dm <sup>3</sup>	457.00 g

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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.

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