

HBO 1003 W/PIL

HBO Microlithography Lamps for ASML i-line Systems | Microlithography lamps for ASML i-line systems

Areas of application

- Microlithography



Product datasheet

Technical data

General Product Information

Product number (Americas)	69180
Product name (Americas)	HBO 1003 W/PIL
Family brand	HBO

Electrical Data

Nominal wattage	1003 W
Nominal voltage	27.1 V
Nominal current	25.8 A
Type of current	DC

Photometric Data

Light center length (LCL)	85.0 mm
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Physical Attributes & Dimensions

Electrode gap (cold)	3.0 mm
Base (anode)	SFcX14-6/25 ¹⁾
Base (cathode)	SFc15-6/25 ²⁾
Diameter (in)	1.142 in
Diameter	29.0 mm
Length	195.0 mm
Length with base excl. base pins/connection	167.50 mm
Product weight	259.00 g

¹⁾ With cooling fins

²⁾ With thread (M6)

Operating Conditions

Burning position	Other ¹⁾
Cooling	Forced ²⁾

¹⁾ Anode underneath

²⁾ Maximum permissible base temperature: 200 °C

Lifetime Data

Nominal lifetime	1500 hr
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Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)

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Primary article identifier	4050300461380 4050300967097
Date of declaration	23-08-2024
Declaration no. in SCIP database	b9c92b80-c1d8-4748-8fda-1d2d66728131 31a5877e-d4ec-4106-b4a4-a38a88565ee5
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.

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.

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 72 mm x 72 mm	1.39 dm ³	415.00 g
4050300461397	HBO 1003 W/PIL	Shipping carton box 8	335 mm x 185 mm x 315 mm	19.52 dm ³	3840.00 g
4050300967097	HBO 1003 W/PIL	Sliding sleeve 1	268 mm x 72 mm x 72 mm	1.39 dm ³	415.00 g
4050300640327	HBO 1003 W/PIL	Shipping carton box 1	330 mm x 110 mm x 115 mm	4.17 dm ³	786.00 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.
