

HBO 2100 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)	69501
Product name (Americas)	HBO 2100W/PIL 1/CS 1/SKU
Family brand	HBO

Electrical Data

Nominal wattage	2100 W
Nominal voltage	24.0 V
Nominal current	78 A
Type of current	DC

Photometric Data

Light center length (LCL)	118.0 mm
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Physical Attributes & Dimensions

Electrode gap (cold)	4.0 mm
Diameter (in)	1.850 in
Diameter	52.0 mm
Length	240.0 mm
Length with base excl. base pins/connection	240.00 mm
Connector: presence	Yes
Product weight	540.00 g

Operating Conditions

Burning position	Other ¹⁾
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¹⁾ Anode underneath

Lifetime Data

Nominal lifetime	1500 hr
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Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Primary article identifier	4050300800431
Date of declaration	05-09-2024
Declaration no. in SCIP database	e65b3165-1b6a-4da8-9fd8-852bef40597d
Candidate list substance 1	Lead
CAS No. of substance 1	7439-92-1

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Safe use instruction	
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	The identification of the Candidate List substance is sufficient to allow safe use of the article.
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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
4050300800431	HBO 2100 W/PIL	Sliding sleeve 1	384 mm x 195 mm x 159 mm	11.91 dm ³	1149.00 g
4050300800448	HBO 2100 W/PIL	Shipping carton box 6	510 mm x 420 mm x 420 mm	89.96 dm ³	7808.00 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.