

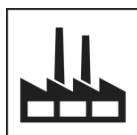
HBO 1500 W/PIL

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)	69181
Product name (Americas)	HBO 1500W/PIL 6/CS 1/SKU
Family brand	HBO
Lamp type	DOUBLE ENDED

Electrical Data

Nominal wattage	1500 W
Nominal voltage	23.0 V
Nominal current	65 A
Type of current	DC

Photometric Data

Light center length (LCL)	118.0 mm
---------------------------	----------

Physical Attributes & Dimensions

Electrode gap (cold)	4.0 mm
Base (anode)	SFc30-6/25 ¹⁾
Base (cathode)	SFc27-10/35
Diameter (in)	1.811 in
Diameter	46.0 mm
Length	273.0 mm
Length with base excl. base pins/connection	240.00 mm
Product weight	672.00 g

¹⁾ Cooling fins and cable connection (M 8)

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
------------------	---------

Environmental & Regulatory Information

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

Product datasheet

Primary article identifier	4050300967103 4050300461465
Date of declaration	05-09-2024
Declaration no. in SCIP database	910a2e30-b741-4571-8470-190c5ee7888d1e22d7304-fdce-45fd-8d2a-6aa5291d1a5b
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.

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
4050300461465	HBO 1500 W/PIL	Sliding sleeve 1	384 mm x 195 mm x 159 mm	11.91 dm ³	1281.00 g
4050300461472	HBO 1500 W/PIL	Shipping carton box 6	510 mm x 420 mm x 420 mm	89.96 dm ³	8600.00 g
4050300967103	HBO 1500 W/PIL	Shipping carton box 1	- x - x -		
4050300640334	HBO 1500 W/PIL	Shipping carton box 1	510 mm x 420 mm x 420 mm	89.96 dm ³	2749.00 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.
