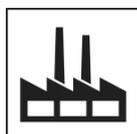


HBO 2500 W/PIL

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)	69172
Product name (Americas)	HBO 2500W/PIL 1/CS 1/SKU
Family brand	HBO
Lamp type	DOUBLE ENDED

Electrical Data

Nominal wattage	2500 W
Nominal voltage	28.0 V
Nominal current	90 A
Type of current	DC

Photometric Data

Light center length (LCL)	149.0 mm
---------------------------	----------

Physical Attributes & Dimensions

Electrode gap (cold)	7.0 mm
Base (anode)	SFa30-6/50 ¹⁾
Base (cathode)	SFc30-6.5/50
Diameter (in)	2.441 in
Diameter	62.0 mm
Length	340.0 mm
Length with base excl. base pins/connection	312.50 mm
Connector: presence	Yes
Product weight	1265.00 g

¹⁾ With cooling fins and cable connection (M 10)

Operating Conditions

Burning position	Other ¹⁾
Cooling	Forced ²⁾

¹⁾ Anode on top

²⁾ Maximum permissible base temperature: 200 °C

Lifetime Data

Nominal lifetime	1500 hr
------------------	---------

Environmental & Regulatory Information

Product datasheet

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Primary article identifier	4050300947396
Date of declaration	05-09-2024
Declaration no. in SCIP database	7eee76a5-c4d5-4b9f-b456-ddffe12f4ebb
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
4050300947396	HBO 2500 W/PIL	Folding carton box 1	- x - x -		
4050300634487	HBO 2500 W/PIL	Shipping carton box 1	319 mm x 230 mm x 605 mm	44.39 dm ³	6581.00 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.
