

HBO 500 W/A

HBO Microlithography Lamps for Other Systems

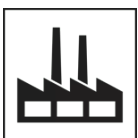
Areas of application

- Microlithography



Product features and benefits

- High spectral intensity with peak irradiance at 365nm wavelength, making it ideal for microlithography
- Designed for long lasting performance
- Qualified with major microlithography equipment manufacturers
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Technical data

General Product Information

Product number (Americas)	69205
Product name (Americas)	HBO 500W/60V/A 10/CS 1/SKU
Family brand	HBO
Lamp type	DOUBLE ENDED
Product remark	Duty cycle 12 h ON/30 min OFF
Global order reference	HBO 500 W/A

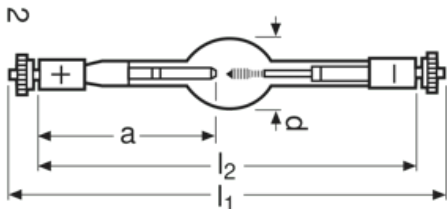
Electrical Data

Nominal wattage	500 W
Nominal voltage	60 V
Nominal current	8.3 A
Type of current	DC

Photometric Data

Light center length (LCL)	73.0 mm
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Physical Attributes & Dimensions



Electrode gap (cold)	4.5 mm
Diameter (in)	1.142 in
Diameter	29.0 mm
Length	190.0 mm
Product weight	153.00 g

Operating Conditions

Burning position	Other ¹⁾
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¹⁾ Anode underneath

Product datasheet

Lifetime Data

Nominal lifetime	800 hr
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Additional product data

Product remark	Duty cycle 12 h ON/30 min OFF
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Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Primary article identifier	4050300021089
Declaration no. in SCIP database	454e0682-41e1-4c7d-a6fb-66d0753e0edc
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
4050300021089	OSRHBO500A	-	-	-

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
4050300021089	HBO 500 W/A	Shipping carton box 1	224 mm x 94 mm x 59 mm	1.24 dm ³	281.00 g
4050300748894	HBO 500 W/A		- x - x -	20.33 dm ³	

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.