Product datasheet

HBO 5000 W/TA

HBO-IC Microlithography lamps for other systems | Microlithography lamps for other systems

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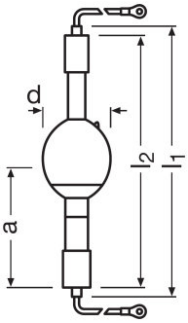
Technical data

Electrical data

Nominal voltage	500 V
Nominal current	10000 A
Type of current	DC
Rated wattage	500000 W
Nominal wattage	500000 W

Dimensions & weight



Length	3580 mm
Length with base excl. base pins/connection	329.50 mm
Light center length (LCL)	148.5 mm [1]
Electrode gap cold	7.5 mm

[1] Distance from end of base to tip of anode or cathode (cold)

Additional product data

Base anode (standard designation)	SFa33.5-12/50 [1]
Base cathode (standard designation)	SFa33.5-12/50 [2]
Product remark	Lamp contains overpressure even in cold status - additional safety regulations, supplied with the lamps, have to be fulfilled. Please read Technical bulletin DO-SEM TB 004 carefully

[1] With cable connection (M 10)

[2] With cable connection (M12)

Capabilities

Cooling	Forced [1]
Burning position	Other [2]

[1] Maximum permissible base temperature: 200 °C / Base cooling

[2] Anode on top

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Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Date of Declaration	05-03-2024
Primary Article Identifier	4050300772240
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.
Declaration No. in SCIP database	d85e2c98-ac1c-41a5-8096-8ada8888ead0

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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
4050300772240	HBO 5000 W/TA	Sliding sleeve 1	- x - x -		
4050300772257	HBO 5000 W/TA	Shipping carton box 4	800 mm x 600 mm x 825 mm	396.00 dm^3	22519.00 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.

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