HBO 5000 W/S

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



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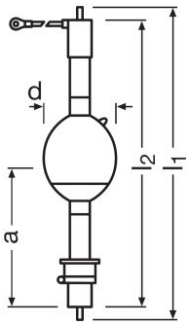
Product datasheet

Technical data

Electrical data

Nominal voltage	50.0 V
Nominal current	100 A
Type of current	DC
Rated wattage	5000.00 W
Nominal wattage	5000.00 W

Dimensions & weight



Diameter	80.0 mm
Length	360.0 mm
Length with base excl. base pins/connection	360.00 mm
Light center length (LCL)	143.5 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)	SFa33.5-9.4/50 [1]
Base cathode (standard designation)	SFa33.5-7.85/50
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)

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	4008321147875 | 4008321147899 | 4062172213486
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	df72245a-57ed-42fb-90a2-5ca3c09b618d | c0d6f8d6-6d7d-4632-96fe-32aacce2ee6a

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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
4008321147875	HBO 5000 W/S	Sliding sleeve 1	- x - x -		
4008321147882	HBO 5000 W/S	Shipping carton box 1	800 mm x 600 mm x 825 mm	396.00 dm^3	16384.00 g
4008321147899	HBO 5000 W/S	Sliding sleeve 1	605 mm x 320 mm x 230 mm	44.53 dm^3	3015.00 g
4008321147905	HBO 5000 W/S	Shipping carton box 4	800 mm x 600 mm x 825 mm	396.00 dm^3	20239.00 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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