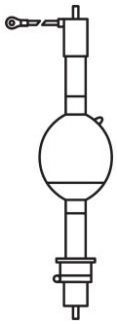
Product family datasheet

HBO-IC Microlithography lamps for Süss systems

Microlithography lamps for Süss systems





327105_HBO 5000WS







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Product family datasheet

Technical data

	Electrical data					Dimensions & weight	
Product description	**Nominal voltage**	**Nominal current**	**Type of current**	**Nominal wattage**	**Rated wattage**	**Diameter**	**Length**
HBO 350 W/S	68.0 V	5.15 A	DC	350.00 W	350.00 W	20.0 mm	127.0 mm
HBO 1000 W/D	37.7 V	26.50 A	DC	1000.00 W	1000.00 W	40.0 mm	240.0 mm
HBO 5000 W/S [1)]	50.0 V	100 A	DC	5000.00 W	5000.00 W	80.0 mm	360.0 mm
HBO 1000W/DHL	45.0 V	22.2 A	DC	1000.00 W	1000.00 W	40.0 mm	206.0 mm

				Additional product data
Product description	**Length with base excl. base pins/connection**	**Light center length (LCL)**	**Electrode gap cold**	**Base anode (standard designation)**
HBO 350 W/S	127.00 mm	52.5 mm [2)]	3.0 mm	SFcY10-4 [3)]
HBO 1000 W/D	208.00 mm	89.5 mm [2)]	3.0 mm	SFc15-6/25 [6)]
HBO 5000 W/S [1)]	360.00 mm	143.5 mm [2)]	7.5 mm	SFa33.5-9.4/50 [8)]
HBO 1000W/DHL				

		Capabilities		Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)
Product description	**Base cathode (standard designation)**	**Cooling**	**Burning position**	**Date of Declaration**
HBO 350 W/S	SFcY10-4 [3)]	Convection [4)]	Other [5)]	05-03-2024
HBO 1000 W/D	SFc15-6/25 [7)]	Convection	Other [5)]	05-03-2024
HBO 5000 W/S [1)]	SFa33.5-7.85/50	Forced [9)]	Other [10)]	05-03-2024
HBO 1000W/DHL			Other	06-03-2024

Product description	**Primary Article Identifier**	**Candidate List Substance 1**	**CAS No. of substance 1**	**Safe Use Instruction**
HBO 350 W/S	4050300258041 | 4052899528192	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.

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Product description	Primary Article Identifier	Candidate List Substance 1	CAS No. of substance 1	Safe Use Instruction
HBO 1000 W/D	4050300288857 | 4062172370745	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
HBO 5000 W/S [1)]	4008321147875 | 4008321147899 | 4062172213486	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
HBO 1000W/DHL	4008321673145	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.

Product description	Declaration No. in SCIP database
HBO 350 W/S	664a7846-47f2-4d61-8323-e72e69aa88b3
HBO 1000 W/D	a7ed535d-b58b-40ea-8c22-64880ddaa6bb
HBO 5000 W/S [1)]	df72245a-57ed-42fb-90a2-5ca3c09b618d | c0d6f8d6-6d7d-4632-96fe-32aacce2ee6a
HBO 1000W/DHL	35e19ed5-53bd-45ba-8079-3737c9f2fc21

1) 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

2) Distance from end of base to tip of anode or cathode (cold)

3) With 8-32 UNC-3 B thread

4) Cooling fins on cathode base

5) Anode underneath

6) With thread (M 6)

7) With thread (M6)

8) With cable connection (M 10)

9) Maximum permissible base temperature: 200 °C

10) Anode on top

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Product family datasheet

Application advice

For more detailed application information and graphics please see product datasheet.

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

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