

HBO 1000 W/D

HBO Microlithography Lamps for Süss Systems

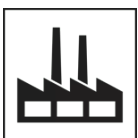
Areas of application

- 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 Süss
- Qualified with Süss



Technical data

General Product Information

Product number (Americas)	69200
Product name (Americas)	HBO 1000W/38V/D 1/CS 1/SKU
Family brand	HBO
Global order reference	HBO 1000 W/D

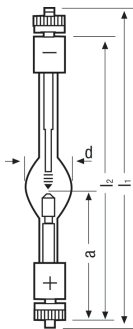
Electrical Data

Nominal wattage	1000 W
Nominal voltage	37.7 V
Nominal current	26.5 A
Type of current	DC

Photometric Data

Light center length (LCL)	89.5 mm
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Physical Attributes & Dimensions



Electrode gap (cold)	3.0 mm
Base (anode)	SFc15-6/25 ¹⁾
Base (cathode)	SFc15-6/25 ²⁾
Diameter (in)	1.575 in
Diameter	40.0 mm
Length	240.0 mm
Length with base excl. base pins/connection	208.00 mm
Product weight	110.00 g

¹⁾ With thread (M 6)

²⁾ With thread (M6)

Operating Conditions

Burning position	Other ¹⁾
Cooling	Convection

¹⁾ Anode underneath

Lifetime Data

Nominal lifetime	1000 hr
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Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Primary article identifier	4050300288857 4062172370745
Declaration no. in SCIP database	a7ed535d-b58b-40ea-8c22-64880ddaa6bb 4e65a63f-77e1-4fba-a7be-6830a43f935b
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
4050300288857	OSRHBO1000D	-	-	-

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
4050300288857	HBO 1000 W/D	Shipping carton box 1	330 mm x 110 mm x 115 mm	4.18 dm ³	781.00 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.