

HBO 350 W

HBO Microlithography Lamps for Other Systems

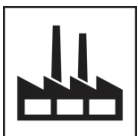


Areas of application

- 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)	69226
Product name (Americas)	HBO 350W/60V 10/CS 1/SKU
Family brand	HBO
Lamp type	DOUBLE ENDED
Product remark	Lamp suitable for pulse operation between 250...500 W. Maximum permissible power is 350 W for constant power operation. Duty cycle 12 h ON/30 min OFF
Global order reference	HBO 350 W

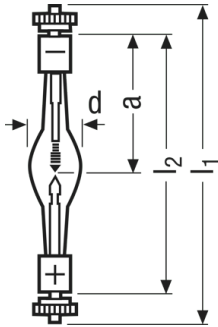
Electrical Data

Nominal wattage	350 W
Nominal voltage	67.5 V
Nominal current	5.3 A
Type of current	DC

Photometric Data

Light center length (LCL)	45.0 mm
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Physical Attributes & Dimensions



Electrode gap (cold)	3.0 mm
Base (anode)	SFcY10-4 ¹⁾
Base (cathode)	SFcY10-4 ¹⁾
Diameter (in)	0.787 in
Diameter	20.0 mm
Length	128.0 mm
Product weight	106.00 g

¹⁾ With 8-32 UNC-3 B thread

Operating Conditions

Burning position	Other ¹⁾
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¹⁾ Anode underneath

Lifetime Data

Nominal lifetime	400 hr
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Additional product data

Product remark	Lamp suitable for pulse operation between 250...500 W. Maximum permissible power is 350 W for constant power operation. 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	4050300351599
Declaration no. in SCIP database	69139dd2-ff81-43c7-bcfa-b84bcd0b9cc1
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
4050300351599	OSRHBO350	-	-	-

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
4050300351599	HBO 350 W	Shipping carton box 1	224 mm x 94 mm x 59 mm	1.24 dm ³	234.00 g
4050300953359	HBO 350 W		- 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.