

## HBO Microlithography Lamps for Canon FPD Systems

### Areas of application

- Microlithography

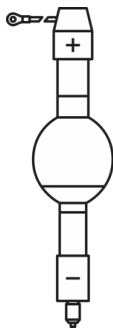


### Product features and benefits

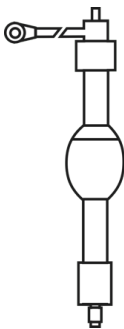
- High spectral intensity with peak irradiance at 365nm wavelength, making it ideal for microlithography
- Designed for long lasting performance
- Qualified with Canon
- Qualified with Canon



Product family datasheet



HBO 5000W/CH



HBO MERCURY VAPOUR SHORT ARC LAMPS

Product family datasheet

Technical data

Product description	General Product Information			
	Global order reference	Product number (Americas)	Product name (Americas)	Family brand
HBO 5000 W/CH	HBO 5000 W/CH			
HBO 8000 W/CHL	HBO 8000 W/CHL	55219	HBO 8000W/CHL 1/CS 1/SKU	HBO
HBO 12000 W/CHL	HBO 12000 W/CHL			

Product description	Electrical Data		Photometric Data	Physical Attributes & Dimensions
	Nominal wattage	Nominal voltage	Light center length (LCL)	Length
HBO 5000 W/CH	5000 W	64 V	156.0 mm <sup>1)</sup>	362.0 mm
HBO 8000 W/CHL	8000 W	81 V	179.0 mm <sup>1)</sup>	434.0 mm
HBO 12000 W/CHL	12000 W	113 V	200.0 mm <sup>1)</sup>	500.0 mm

Product description	Operating Conditions		Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
	Burning position	Cooling	Primary article identifier	Declaration no. in SCIP database
HBO 5000 W/CH	Other <sup>2)</sup>	Forced <sup>3)</sup>	4008321381934	5767a2be-1efc-43e6-b1b6-bce7aa003303
HBO 8000 W/CHL	Other <sup>2)</sup>	Forced <sup>3)</sup>	4008321545756	e99f1f0e-22f8-43bf-ae0a-417bc48f22ff
HBO 12000 W/CHL	Other <sup>2)</sup>	Forced <sup>3)</sup>	4008321651129   4052899422322   4062172416436   4062172416429	405e8bdf-87f2-46eb-9530-aa1f4ca56abe   6965d23e-72f4-4e35-a198-04b8540e751e

Product description	Candidate list substance 1	CAS No. of substance 1	Safe use instruction
HBO 5000 W/CH	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
HBO 8000 W/CHL	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.

Product family datasheet

Product description	Candidate list substance 1	CAS No. of substance 1	Safe use instruction
HBO 12000 W/CHL	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.

1) Distance from end of base to tip of anode or cathode (cold)  
2) Anode on top  
3) Maximum permissible base temperature: 200 °C

## Product family datasheet

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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.

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### Application advice

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

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### Disclaimer

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