

# HBO Microlithography Lamps for Canon FPD Systems



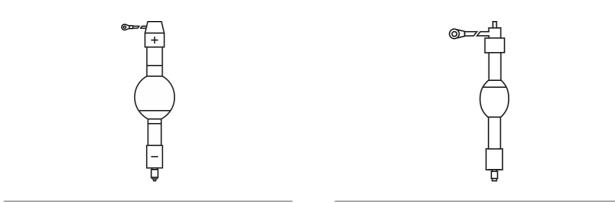
Areas of application

- 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





HBO 5000W/CH

### HBO MERCURY VAPOUR SHORT ARC LAMPS

### Technical data

	General Product Information					
Product description	Global order reference	Product number (Americas)	Product nam (Americas)	e Family brand		
HBO 5000 W/CH	HBO 5000 W/CH					
HBO 8000 W/CHL	HBO 8000 W/CHL	55219	HBO 8000W/ 1/CS 1/SKU	/CHL HBO		
HBO 12000 W/CHL	HBO 12000 W/CHL					
	Electrical Data		Photometri c Data	Physical Attributes & Dimensions		
Product description	Nominal wattage	Nominal voltage	Light center length (LCL)	Length		
HBO 5000 W/CH	5000 W	64 V	156.0 mm	362.0 mm		
HBO 8000 W/CHL	8000 W	81 V	179.0 mm	434.0 mm		
HBO 12000 W/CHL	12000 W	113 V	200.0 mm	500.0 mm		
	Operating Conditions		Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)			
Product description	Burning position	Cooling	Primary article identifier	Declaration no. in SCIP database		
	2	7)				

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	Operating Conditions		Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Product description	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 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)

<sup>2)</sup> Anode on top

<sup>3)</sup> Maximum permissible base temperature: 200 °C

#### 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.

#### 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.