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
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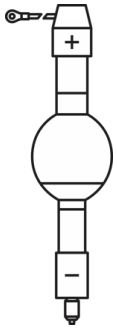
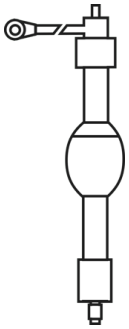
- Qualified with Canon



HBO 5000W/CH



HBO MERCURY VAPOUR SHORT ARC LAMPS

Technical data

	General Product Information			
Product description	**Global order reference**	**Product number (Americas)**	**Product 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 8000 W/CHL2	HBO 8000 W/CHL2			

	Electrical Data		Photometric Data	Physical Attributes & Dimensions
Product description	**Nominal wattage**	**Nominal voltage**	**Light center length (LCL)**	**Length**
HBO 5000 W/CH	5000 W	64.0 V	156.0 mm [1)]	362.0 mm
HBO 8000 W/CHL	8000 W	81.0 V	179.0 mm [1)]	434.0 mm
HBO 8000 W/CHL2	8000 W	79.0 V		434.0 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**
HBO 5000 W/CH	Other [2)]	Forced [3)]	4008321381934	5767a2be-1efc-43e6-b1b6-bce7aa003303
HBO 8000 W/CHL	Other [2)]	Forced [3)]	4008321545756	e99f1f0e-22f8-43bf-ae0a-417bc48f22ff
HBO 8000 W/CHL2	Other		4052899168848	744ef11b-de39-4209-a666-75f0acf4935a

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 8000 W/CHL2	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

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.