

HBO Microlithography Lamps for Canon FPD Systems



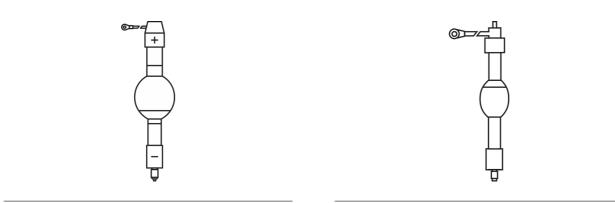
Areas of application

- 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 1) | 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 | | |
| | | 7) | | | | |

| | 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 12000 W/CHL | Other ²⁾ | Forced ³⁾ | 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)

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.