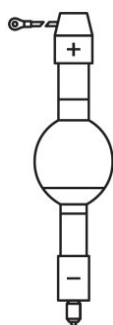


HBO-IC Microlithography lamps for Canon LCD systems

Microlithography lamps for Canon LCD systems



327101_HBO 5000WCH

HBO MERCURY VAPOUR SHORT ARC LAMPS



Product family datasheet

Technical data

| Product description | Electrical data | | | | | Dimensions & weight |
|---------------------|-----------------|-----------------|-----------------|---------------|-----------------|---------------------|
| | Nominal voltage | Nominal current | Type of current | Rated wattage | Nominal wattage | Diameter |
| HBO 5000 W/CH | 64.0 V | 78 A | DC | 5000.00 W | 5000.00 W | 80.0 mm |
| HBO 8000 W/CHL | 81.0 V | 99 A | DC | 8000.00 W | 8000.00 W | 105.0 mm |
| HBO 12000 W/CHL | 112 V | 107 A | DC | 12000.00 W | 12000.00 W | 124.0 mm |

| Product description | Length with base excl. base pins/connection | Additional product data | | Capabilities |
|---------------------|---|-----------------------------------|-------------------------------------|---------------------|
| | | Base anode (standard designation) | Base cathode (standard designation) | Burning position |
| HBO 5000 W/CH | 338.00 mm | SFc33.5-50 ¹⁾ | SFc33.5-12/50 | Other ²⁾ |
| HBO 8000 W/CHL | 385.50 mm | SFaX40-13/50 ¹⁾ | SFa40-12/45 | Other ²⁾ |
| HBO 12000 W/CHL | 450.00 mm | SFaX46-14/60 ¹⁾ | SFa37-16/60 | Other ²⁾ |

| Product description | Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) | | | |
|---------------------|--|-------------------------------|----------------------------|------------------------|
| | Date of Declaration | Primary Article Identifier | Candidate List Substance 1 | CAS No. of substance 1 |
| HBO 5000 W/CH | 05-03-2024 | 4008321381385 4008321381934 | Lead | 7439-92-1 |
| HBO 8000 W/CHL | 05-03-2024 | 4008321545756 | Lead | 7439-92-1 |
| HBO 12000 W/CHL | 05-03-2024 | 4008321651129 4052899422322 | Lead | 7439-92-1 |

| Product description | Safe Use Instruction | Declaration No. in SCIP database |
|---------------------|--|---|
| HBO 5000 W/CH | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 6a892f46-a7cc-45de-afbd-e023484ba64d 5767a2be-1efc-43e6-b1b6-bce7aa003303 |
| HBO 8000 W/CHL | The identification of the Candidate List substance is sufficient to allow safe use of the article. | e99f1f0e-22f8-43bf-ae0a-417bc48f22ff |
| HBO 12000 W/CHL | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 405e8bdf-87f2-46eb-9530-aa1f4ca56abe 6965d23e-72f4-4e35-a198-04b8540e751e |

Product family datasheet

¹⁾ With cable connection (M 10)

²⁾ Anode on top

Product family 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.

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.