HBO 5000 W/CH

HBO-IC Microlithography lamps for Canon LCD systems | Microlithography lamps for Canon LCD systems



© 2024, OSRAM GmbH. All rights reserved.

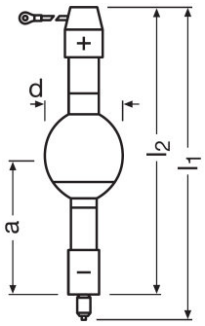
Product datasheet

Technical data

Electrical data

Nominal voltage	64.0 V
Nominal current	78 A
Type of current	DC
Rated wattage	5000.00 W
Nominal wattage	5000.00 W

Dimensions & weight



Diameter	80.0 mm
Length	362.0 mm
Mounting length	362.0 mm
Length with base excl. base pins/connection	338.00 mm
Light center length (LCL)	156.0 mm [1]
Electrode gap cold	6.0 mm

[1] Distance from end of base to tip of anode or cathode (cold)

Additional product data

Base anode (standard designation)	SFc33.5-50 [1]
Base cathode (standard designation)	SFc33.5-12/50

[1] With cable connection (M 10)

Capabilities

Cooling	Forced [1]
Burning position	Other [2]

[1] Maximum permissible base temperature: 200 °C / Base cooling

[2] Anode on top

Environmental information

© 2024, OSRAM GmbH. All rights reserved.

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Date of Declaration	05-03-2024
Primary Article Identifier	4008321381385 | 4008321381934
Candidate List Substance 1	Lead
CAS No. of substance 1	7439-92-1
Safe Use Instruction	The identification of the Candidate List substance is sufficient to allow safe use of the article.
Declaration No. in SCIP database	6a892f46-a7cc-45de-afbd-e023484ba64d | 5767a2be-1efc-43e6-b1b6-bce7aa003303

© 2024, OSRAM GmbH. All rights reserved.

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.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321381934	HBO 5000 W/CH	Folding carton box 1	605 mm x 320 mm x 230 mm	44.53 dm^3	2989.00 g
4008321381941	HBO 5000 W/CH	Shipping carton box 4	800 mm x 600 mm x 825 mm	396.00 dm^3	26246.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

Disclaimer

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

© 2024, OSRAM GmbH. All rights reserved.