OSRAM

HBO 5510 W/PIHL

HBO-IC Microlithography lamps for ASML i-line systems | Microlithography lamps for ASML i-line systems
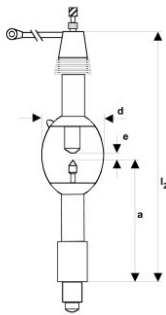
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Technical data

Electrical data

Nominal voltage	29.0 V
Nominal current	190 A
Type of current	DC
Rated wattage	5500.00 W
Nominal wattage	5500.00 W

Dimensions & weight

Diameter	85.0 mm
Length	352.5 mm
Mounting length	355.0 mm
Length with base excl. base pins/connection	352.50 mm
Light center length (LCL)	154.0 mm [1]
Electrode gap cold	5.5 mm

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

Additional product data

Product remark	Lamp contains overpressure even in cold status - additional safety regulations, supplied with the lamps, have to be fulfilled. Please read Technical bulletin DO-SEM TB 004 carefully

Capabilities

Burning position	Other [1]

[1] Anode on top

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)

Product datasheet

Date of Declaration	09-12-2022
Primary Article Identifier	4008321355799
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	b89719ab-c1e6-4c02-9129-76d93997743b

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Product 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.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321355799	HBO 5510 W/PIHL	Shipping carton box 1	340 mm x 340 mm x 900 mm	104.04 dm³	5164.00 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.

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