Product datasheet

HBO 1000 W/NEL

HBO-IC Microlithography lamps for Nikon i-line systems | Microlithography lamps for Nikon i-line systems







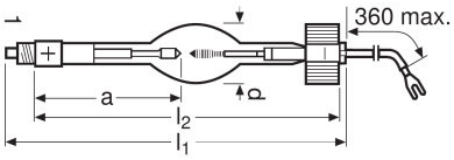
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Technical data

Electrical data

Nominal voltage	47.0 V
Nominal current	16 A
Type of current	DC
Rated wattage	750.00 W
Nominal wattage	750.00 ... 1000.00 W

Dimensions & weight



Diameter	28.0 mm
Length	187.0 mm
Mounting length	190.0 mm
Light center length (LCL)	84.5 mm [1]
Electrode gap cold	3.0 mm

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

Additional product data

Product remark	Lamp suitable for pulsed operation between 700...1000 W/Maximum permissible power 750 W for constant power operation

Capabilities

Burning position	Other [1]

[1] Anode underneath

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Date of Declaration	05-03-2024

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Primary Article Identifier	4050300412603
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	b7aad6b7-239d-4797-a805-ae6751a3f976

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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
4050300412603	HBO 1000 W/NEL	Shipping carton box 1	330 mm x 110 mm x 115 mm	4.17 dm^3	766.00 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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