

HBO 2011 W/NIL

HBO Microlithography Lamps for Nikon i-line Systems

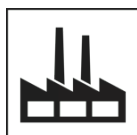


Areas of application

- 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 Nikon
- Qualified with Nikon



Technical data

General Product Information

Product number (Americas)	69288
Product name (Americas)	HBO 2011W/25V/NIL 6/CS 1/SKU
Family brand	HBO
Lamp type	DOUBLE ENDED
Global order reference	HBO 2011 W/NIL

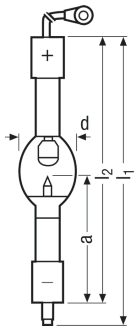
Electrical Data

Nominal wattage	2011 W
Nominal voltage	25 V
Nominal current	80 A
Type of current	DC

Photometric Data

Light center length (LCL)	107.75 mm
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Physical Attributes & Dimensions



Electrode gap (cold)	4.5 mm
Base (anode)	SFc27-7/35 ¹⁾
Base (cathode)	SFc27-12x1.5/35
Diameter	55.0 mm
Diameter (in)	2.165 in
Diameter	55.0 mm
Length	256.0 mm
Length with base excl. base pins/connection	234.00 mm
Connector: presence	Yes
Product weight	724.00 g

Product datasheet

1) With cable connection (M 8)

Operating Conditions

Burning position	Other ¹⁾
Cooling	Forced ²⁾

1) Anode on top
2) Maximum permissible base temperature: 200 °C

Lifetime Data

Nominal lifetime	1500 hr
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Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Primary article identifier	4050300652641 4050300947556
Declaration no. in SCIP database	5efb91be-af08-429e-aaec-b47e173fcb09 157b0c08-4c81-445d-8e68-87463e9cc30e
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.

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
4050300652641	HBO 2011 W/NIL	Shipping carton box 1	384 mm x 195 mm x 159 mm	12.01 dm ³	1333.00 g
4050300975047	HBO 2011 W/NIL	Shipping carton box 6	510 mm x 420 mm x 420 mm	89.96 dm ³	8912.00 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.