

## HBO 1000W/NEL 1/CS 1/SKU



### Product features and benefits

- High spectral intensity with peak irradiance at 365nm wavelength, making it ideal for microlithography
- Ceramic housings designed specifically for high temperature halogen and metal halide applications for optimal exposure and throughput
- Designed for long lasting performance
- Qualified with Nikon

### Areas of application

- Semiconductor

# Product datasheet

## Technical data

### General product information

Product Number	69176
Product Name	HBO 1000W/NEL 1/CS 1/SKU
Family Brand Name	HBO
Application	Semiconductor
Product Remark	<ul style="list-style-type: none"><li>- Cathode base with cable connection (M5)</li><li>- Lamps suitable for pulse operation between 700W and 1000W. Maximum permissible average power is 750W (also for constant power operation).</li><li>- Cathode Base with cooling fins.</li><li>- Anode sleeve base without thread.</li></ul>

### Electrical data

Nominal Wattage	750 W
Nominal Voltage	47 V
Current (A)	16 A
Type of Current	DC

### Light technical data

Radiant intensity in 350-450 nm range (mW/sr)	8300 mW/sr
Radiant Power in 350-450 nm range (W)	82 W
Light Center Length - LCL (mm)	84.5 mm
Average Rated Life	2500 h

### Physical attributes

Base Anode	SFa15-5/16
Base Cathode	SFaX14-5/21
Maximum Overall Length (mm)	190 mm
Length l1 (mm)	190 mm
Length l1 max. (mm)	190 mm
Diameter d (in)	1.102 in
Diameter d (mm)	28.00 mm
Distance a (mm)	84.5 mm
Electrode Gap - cold (mm)	3 mm

### Additional product data

Operating Position	Vertical, anode down
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## Product datasheet

<b>Maximum Base Temperature (°C)</b>	200 C
<b>Cooling</b>	Convection
<b>Lamp Type</b>	DOUBLE ENDED

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### Packaging Information

Product number	EAN/UPC	Packaging	Quantity	Outside dimensions l x w x h	Gross weight
69176	4050300412603	Shipping box (Case)	1	13 in x 4.3 in x 4.5 in	1.7 lb

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.

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### Disclaimer

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