

## HBO 1500 W/CIEL



### 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 Canon

### Areas of application

- Semiconductor

## Product datasheet

### Technical data

#### General product information

Product Number	69171
Product Name	HBO1500WCIEL 23V 6/CS 1/SKU
Ordering Abbreviation	HBO 1500 W/CIEL
Brand Name	OSRAM
General Description	1,500 watt, mercury short arc, double-ended lamp for semiconductor applications in Canon FPA-2000i1, FPA-2500 i2, i3 stepper(s)
Application	Semiconductor
Product Remark	<ul style="list-style-type: none"><li>- Lamp also available as Longlife version HBO 1500 W/CIL (Product Number 69179) with 1500hr life.</li><li>- Cathode Base with cable connection (M 8).</li><li>- Anode Base with cable connection (M 10).</li></ul>

#### Electrical data

Nominal Wattage	1500 W
Nominal Voltage	23 V
Current (A)	65.2 A
Type of Current	DC

#### Light technical data

Radiant intensity 365 ± 2.5nm (mW/sr)	4850
Light Center Length - LCL (mm)	122 mm
Average Rated Life	2250 h

#### Physical attributes

Base Anode	SFa27-20/22
Base Cathode	SFa27-20/23
Bulb Shape	T47
Maximum Overall Length (mm)	262 mm
Length l1 (mm)	262 mm
Length l1 max. (mm)	262 mm
Length l2 (mm)	242 mm
Length l2 max. (mm)	242 mm
Diameter d (in)	2.047 in
Diameter d (mm)	52.00 mm
Distance a (mm)	122 mm

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<b>Electrode Gap - cold (mm)</b>	4 mm
<b>Reflector Coating</b>	52.00

### Additional product data

<b>Operating Position</b>	Vertical, anode down
<b>Maximum Base Temperature (°C)</b>	200 C
<b>Cooling</b>	Forced Base
<b>Class</b>	C (gas)
<b>Method of Operation</b>	DOUBLE ENDED

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### Packaging Information

<b>Product number</b>	<b>EAN/UPC</b>	<b>Packaging</b>	<b>Quantity</b>	<b>Outside dimensions l x w x h</b>	<b>Gross weight</b>
69171	4050300538204	Shipping box (Case)	1	20.1 in x 16.5 in x 16.5 in	4.9 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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