
HBO 500W/48.5V/B 10/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 ASML

Areas of application

- Semiconductor

Product datasheet

Technical data

General product information

Product Number	69206
Product Name	HBO 500W/48.5V/B 10/CS 1/SKU
Family Brand Name	HBO
Application	Semiconductor
Product Remark	<ul style="list-style-type: none">- Cathode base with M 5x 0.9 thread- Lamp service life is defined with a switch-on/switch off duty cycle of 12hours ON / 30 minutes OFF.- Lamp anode base (hexagon) with thread M5x0.9

Electrical data

Nominal Wattage	500 W
Nominal Voltage	48.5 V
Current (A)	10.3 A
Type of Current	DC

Light technical data

Average Luminance (cd/cm ²)	64000 cd/cm ²
Radiant intensity in 350-450 nm range (mW/sr)	5800 mW/sr
Radiant Power in 350-450 nm range (W)	60 W
Light Center Length - LCL (mm)	78.5 mm
Average Rated Life	800 h

Physical attributes

Base Anode	SFcX13-5/20
Base Cathode	SFcY 13-15/20
Maximum Overall Length (mm)	180 mm
Length l1 (mm)	180 mm
Length l1 max. (mm)	180 mm
Diameter d (in)	1.142 in
Diameter d (mm)	29.00 mm
Distance a (mm)	78.5 mm
Electrode Gap - cold (mm)	3 mm

Additional product data

Operating Position	Vertical, anode down
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Product datasheet

Maximum Base Temperature (°C)	200 C
Cooling	Convection
Lamp Type	DOUBLE ENDED

Packaging Information

Product number	EAN/UPC	Packaging	Quantity	Outside dimensions l x w x h	Gross weight
69206	4050300275819	Shipping box (Case)	1	8.5 in x 3.7 in x 2.8 in	0.7 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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