
HBO 500W/60V/A 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	69205
Product Name	HBO 500W/60V/A 10/CS 1/SKU
Family Brand Name	HBO
Application	Semiconductor
Product Remark	<ul style="list-style-type: none">- Lamp service life is defined with a switch-on/switch off duty cycle of 12hours ON / 30 minutes OFF.- Lamp base(s) with M 5x0.9 thread.

Electrical data

Nominal Wattage	500 W
Nominal Voltage	60 V
Current (A)	8.3 A
Type of Current	DC

Light technical data

Average Luminance (cd/cm ²)	37000 cd/cm ²
Radiant intensity in 350-450 nm range (mW/sr)	6230 mW/sr
Radiant Power in 350-450 nm range (W)	61 W
Light Center Length - LCL (mm)	73 mm
Average Rated Life	800 h

Physical attributes

Base Anode	SFcY13-5
Base Cathode	SFcY13-5
Maximum Overall Length (mm)	190 mm
Length l1 (mm)	190 mm
Length l1 max. (mm)	190 mm
Diameter d (in)	1.142 in
Diameter d (mm)	29.00 mm
Distance a (mm)	73 mm
Electrode Gap - cold (mm)	4.5 mm

Additional product data

Operating Position	Vertical, anode down
Maximum Base Temperature (°C)	200 C
Cooling	Convection

Product datasheet

Lamp Type	DOUBLE ENDED
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Packaging Information

Product number	EAN/UPC	Packaging	Quantity	Outside dimensions l x w x h	Gross weight
69205	4050300021089	Shipping box (Case)	1	8.8 in x 3.7 in x 2.3 in	0.6 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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