

HBO 2100 W/PIL



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	69501
Product Name	HBO2100WPIL 6/CS 1/SKU
Ordering Abbreviation	HBO 2100 W/PIL
Brand Name	OSRAM
General Description	2,000 watts, mercury short arc, double ended lamp for semiconductor applications in the ASML PAS stepper, PAS 5500/125
Application	Semiconductor
Product Remark	- Anode Base with cooling fins and cable connection.

Electrical data

Nominal Wattage	2100 W
Nominal Voltage	24 V
Current (A)	87.5 A
Type of Current	DC

Light technical data

Light Center Length - LCL (mm)	118 mm
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Physical attributes

Base Anode	SK 33s/42
Base Cathode	SFc27-12/35
Bulb Shape	T52
Maximum Overall Length (mm)	273 mm
Length l1 (mm)	273 mm
Length l1 max. (mm)	273 mm
Length l2 (mm)	240 mm
Length l2 max. (mm)	242 mm
Diameter d (in)	1.850 in
Diameter d (mm)	47.00 mm
Distance a (mm)	118 mm
Electrode Gap - cold (mm)	4.5 mm
Reflector Coating	47.00

Additional product data

Operating Position	Vertical, anode down
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Product datasheet

Maximum Base Temperature (°C)	200 C
Cooling	Forced Base
Class	C (gas)

Packaging Information

Product number	EAN/UPC	Packaging	Quantity	Outside dimensions l x w x h	Gross weight
69501	4050300800431	Tube (SKU)	1	15.2 in x 7.7 in x 6.3 in	2.5 lb
69501	4050300800448	Shipping box (Case)	6	20.1 in x 16.5 in x 16.5 in	17.2 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.

Disclaimer

OSRAM does not accept liability for errors, changes and omissions.