

## HBO 1003 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

Technical data

General product information

Product Name	HBO 1003 W/PIL
Family Brand Name	HBO
Application	Semiconductor
Product Remark	<ul style="list-style-type: none"><li>- Lamps suitable for pulse operation between 700W and 1000W. Maximum permissible average power is 750W (also for constant power operation).</li><li>- Lamp has cooling fins on anode base.</li></ul>

Electrical data

Nominal Wattage	1003 W
Nominal Voltage	27.1 V
Current (A)	25.8 A
Type of Current	DC

Light technical data

Radiant intensity 365 ± 2.5nm (mW/sr)	2200
Light Center Length - LCL (mm)	85 mm
Average Rated Life	1500 h

Physical attributes

Base Anode	SFcX14-6/25
Base Cathode	SFc15-6/25
Maximum Overall Length (mm)	195 mm
Length l1 (mm)	195 mm
Length l1 max. (mm)	195 mm
Diameter d (in)	1.142 in
Diameter d (mm)	29.00 mm
Distance a (mm)	85 mm
Electrode Gap - cold (mm)	3 mm

Additional product data

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

Packaging Information

Product datasheet

Product number	EAN/UPC	Packaging	Quantity	Outside dimensions L x w x h	Gross weight
	4050300461380	Tube (SKU)	1	10.6 in x 2.8 in x 2.8 in	0.9 lb
	4050300461397	Shipping box (Case)	8	13.2 in x 7.3 in x 12.4 in	8.5 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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