

## HBO 5000W/HK 4/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 major microlithography equipment manufacturers

### Areas of application

- Semiconductor

## Product datasheet

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### Technical data

#### General product information

|                   |   |
|-------------------|---|
| Product Number    | 69138                                     |
| Product Name      | HBO 5000W/HK 4/CS 1/SKU                   |
| Family Brand Name | HBO                                       |
| Application       | Semiconductor                             |
| Product Remark    | - Anode Base with cable connection (M 6). |

#### Electrical data

|                 |        |
|-----------------|--------|
| Nominal Wattage | 5000 W |
| Nominal Voltage | 70 V   |
| Current (A)     | 72 A   |
| Type of Current | DC     |

#### Light technical data

|   |            |
|---|------------|
| Radiant intensity in 350-450 nm range (mW/sr) | 65.8 mW/sr |
| Light Center Length - LCL (mm)                | 152.5 mm   |
| Average Rated Life                            | 850 h      |

#### Physical attributes

|                             |                |
|-----------------------------|----------------|
| Base Anode                  | SFYa29-10/42   |
| Base Cathode                | SFc29-20-12/42 |
| Maximum Overall Length (mm) | 355 mm         |
| Length l1 (mm)              | 355 mm         |
| Length l1 max. (mm)         | 355 mm         |
| Diameter d (in)             | 3.228 in       |
| Diameter d (mm)             | 82.00 mm       |
| Distance a (mm)             | 152.5 mm       |
| Electrode Gap - cold (mm)   | 7.5 mm         |

#### Additional product data

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

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### Packaging Information

## Product datasheet

| Product number | EAN/UPC       | Packaging           | Quantity | Outside dimensions L x w x h | Gross weight |
|----------------|---------------|---------------------|----------|------------------------------|--------------|
| 69138          | 4050300897585 | Shipping box (SKU)  | 1        | 23.8 in x 12.6 in x 9.1 in   | 6.9 lb       |
| 69138          | 4050300897592 | Shipping box        | 4        | 31.5 in x 37.2 in x 23.6 in  | 56.5 lb      |
| 69138          | 4050300897608 | Shipping box (Case) | 4        | 32.5 in x 37.2 in x 23.6 in  | 56.5 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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