

HBO 1002W/CEL 1/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 Canon

Areas of application

- Semiconductor

Product datasheet

Technical data

General product information

| | |
|-------------------|---|
| Product Number | 69177 |
| Product Name | HBO 1002W/CEL 1/CS 1/SKU |
| Family Brand Name | HBO |
| Application | Semiconductor |
| Product Remark | - Lamps suitable for pulse operation between 700W and 1000W. Maximum permissible average power is 750W (also for constant power operation). |

Electrical data

| | |
|-----------------|-------|
| Nominal Wattage | 750 W |
| Nominal Voltage | 47 V |
| Current (A) | 16 A |
| Type of Current | DC |

Light technical data

| | |
|---|------------|
| Radiant intensity in 350-450 nm range (mW/sr) | 8300 mW/sr |
| Radiant Power in 350-450 nm range (W) | 85 W |
| Light Center Length - LCL (mm) | 78.5 mm |
| Average Rated Life | 2500 h |

Physical attributes

| | |
|-----------------------------|-------------|
| Base Anode | SFc15-6/20 |
| Base Cathode | SXFc15-6/20 |
| Maximum Overall Length (mm) | 175 mm |
| Length l1 (mm) | 175 mm |
| Length l1 max. (mm) | 175 mm |
| Diameter d (in) | 1.102 in |
| Diameter d (mm) | 28.00 mm |
| Distance a (mm) | 78.5 mm |
| Electrode Gap - cold (mm) | 3 mm |

Additional product data

| | |
|-------------------------------|----------------------|
| Operating Position | Vertical, anode down |
| Maximum Base Temperature (°C) | 200 C |
| Cooling | Convection |
| Lamp Type | DOUBLE ENDED |

Product datasheet

Packaging Information

| Product number | EAN/UPC | Packaging | Quantity | Outside dimensions l x w x h | Gross weight |
|----------------|---------------|---------------------|----------|------------------------------|--------------|
| 69177 | 4050300412634 | Shipping box (Case) | 1 | 13 in x 4.3 in x 4.5 in | 1.7 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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