

## HMI 4000W/SE/XS



### Product features and benefits

- High intensity light providing true color performance with a CRI>90
- Longer life with heat dissipating round moly-foil design on lamps  $\geq 6000W$
- Mechanically robust with eXtreme Seal (XS) technology, up to 450°C at the pinch seal
- Capable of hot restrike ignition
- High color stability with average changes in color temperature during lamp life only 1°K/hr
- Dimmable down to 40% with stable color using many electronic ballasts
- High energy efficiency providing up to 100 LPW
- HMI EVENT types offer enhanced brightness and color control as well as UV-stop technology

### Areas of application

- Studio, TV and film
- Professional Photography
- Solar Simulation

## Product datasheet

### Technical data

#### General product information

|                       |   |
|-----------------------|---|
| Product Number        | 54321   |
| Product Name          | HMI4000WSEXS 1/CS 1/SKU   |
| Ordering Abbreviation | HMI 4000W/SE/XS   |
| Brand Name            | OSRAM   |
| Family Brand Name     | HMI   |
| General Description   | 4,000 watt, metal halide, single-ended, 6000K   |
| Application           | Film, TV & Video Production   |
| Product Remark        | <ul style="list-style-type: none"><li>- Optimized lamp eXtreme Seal (XS) technology to withstand interior base temperatures of up to 450 degrees celsius.</li><li>- UVS=UV-Stop. UVS technology reduces harmful UV-B and UV-C ultraviolet radiation emissions by 99%.</li><li>- Designed to approximate daylight color temperature (5600K to 6200K) inside of a fixture. Note that color temperature will vary based on the ballast used and its operating frequency.</li></ul> |

#### Electrical data

|                 |        |
|-----------------|--------|
| Nominal Wattage | 4000 W |
| Nominal Voltage | 200 V  |
| Current (A)     | 2.9 A  |
| Type of Current | AC     |

#### Light technical data

|                                |           |
|--------------------------------|-----------|
| Luminous Flux                  | 380000 lm |
| Luminous Efficacy (lm/W)       | 95 lm/W   |
| Light Center Length - LCL (mm) | 142 mm    |
| Color Temperature              | 6000 K    |
| Color Rendering Index          | 90        |
| Average Rated Life             | 500 h     |

#### Physical attributes

|                             |        |
|-----------------------------|--------|
| Bulb Shape                  | GST75  |
| Maximum Overall Length (mm) | 250 mm |
| Length l (mm)               | 250 mm |
| Length l max. (mm)          | 250 mm |

## Product datasheet

|                           |          |
|---------------------------|----------|
| Diameter d (in)           | 2.953 in |
| Diameter d (mm)           | 75.90 mm |
| Distance a (mm)           | 142 mm   |
| Electrode Gap - cold (mm) | 20 mm    |

### Additional product data

|                    |            |
|--------------------|------------|
| Operating Position | Any        |
| Cooling            | CONVECTION |
| Hot Restart        | Yes        |
| Class              | C (GAS)    |
| Lamp Type          | SINGLE END |

### Packaging Information

| Product number | EAN/UPC       | Packaging           | Quantity | Outside dimensions l x w x h | Gross weight |
|----------------|---------------|---------------------|----------|------------------------------|--------------|
| 54321          | 4008321244314 | Shipping box (Case) | 1        | 13.4 in x 6.3 in x 6.5 in    | 1.4 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.

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