**OSRAM**

# HMI 4000 W/DXS

HMI Double End Lamps | High performance double end HMI lamps with enhanced heat dissipating technology

### Areas of application

- Studio, TV, & Film
- Professional & High Speed Photography
- Solar Simulation

—

### Product features and benefits

- High intensity light providing true color performance with a >90
- Longer life with heat dissipating round moly-foil design on lamps ≥ 6000W
- Mechanically robust with eXtreme Seal (XS) technology, up to 450°C at the pinch seal
- Capable of hot restrike ignition
- High stability of color temperature over lifetime
- Compression sealed base provides enhanced durability
- High energy efficiency providing up to 100 lm/W
- Compression sealed base provides enhanced durability

# Product datasheet

## General Product Information

| | |
|---|---|
| **Product number (Americas)** | 54314 |
| **Product name (Americas)** | HMI 4000W/DXS 1/CS 1/SKU |
| **Family brand** | HMI |
| **Global order reference** | HMI 4000 W/DXS |

## Electrical Data

| | |
|---|---|
| **Nominal wattage** | 4000 W |
| **Nominal voltage** | 200 V |
| **Ignition voltage (cold/hot)** | 20/65 kVp |
| **Nominal current** | 24 A |
| **Type of current** | AC |

## Photometric Data

| | |
|---|---|
| **Nominal luminous flux** | 380000 lm |
| **Luminous efficacy** | 95 lm/W |
| **Color temperature** | 6000 K |
| **Color rendering index Ra** | > 90 |

## Physical Attributes & Dimensions
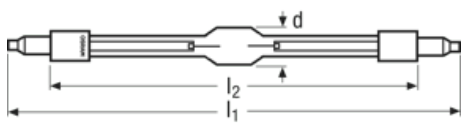
| | |
|---|---|
| **Electrode gap (cold)** | 34.0 mm |
| **Lamp base** | SFa21 |
| **Diameter (in)** | 1.417 in |
| **Diameter** | 36.0 mm |
| **Length** | 405.0 mm |
| **Length with base excl. base pins/connection** | 340.00 mm |
| **Product weight** | 228.00 g |

## Operating Conditions

| | |
|---|---|
| **Burning position** | p15 |
| **Cooling** | Convection |
| **Maximum permitted ambient temperature at base** | 450 °C |

## Lifetime Data

| | |
|---|---|
| **Nominal lifetime** | 500 hr |

## Environmental & Regulatory Information

| **Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)** | |
|---|---|
| **Primary article identifier** | 4008321210203 |
| **Declaration no. in SCIP database** | No declarable substances contained |
| **Candidate list substance 1** | No declarable substances contained |

### Country specific information

| Product code | METEL code | SEG-No. | STK-Number | UK Org |
|---|---|---|---|---|
| 4008321210203 | OSRHMI4000DXS | - | - | - |

—

# Product datasheet

## Safety advice

Because of their high luminance, UV radiation and high internal pressure during operation, HMI lamps may only be operated in enclosed lamp casings specially constructed for the purpose. Appropriate filters must ensure that UV radiation is reduced to an acceptable level. Mercury is released if the lamp breaks. Special safety precautions must be taken. Information on safety and handling is available on request or can be found in the leaflet included with the lamp or in the operating instructions.

## Logistical Data

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---|---|---|---|---|---|
| 4008321210203 | HMI 4000 W/DXS | Shipping carton box 1 | 561 mm x 136 mm x 119 mm | 9.08 dm³ | 625.00 g |

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

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

—