

HMI 6000W/DXS



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
- Compression sealed base provides enhanced durability

Areas of application

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

Product datasheet

Technical data

General product information

| | |
|-----------------------|--|
| Product Number | 54315 |
| Product Name | HMI6000WDXS 1/CS 1/SKU |
| Ordering Abbreviation | HMI 6000W/DXS |
| Brand Name | OSRAM |
| Family Brand Name | HMI |
| General Description | 6,000 watt, metal halide, double-ended, 6000K |
| Application | Film, TV & Video Production, Studio Lighting, Solar Simulation |
| Product Remark | <ul style="list-style-type: none">- DXS=Double-ended eXtreme Seal technology- p (Operating Position) = Horizontal- Optimized lamp eXtreme Seal (XS) technology to withstand interior base temperatures of up to 450 degrees celsius. |

Electrical data

| | |
|-----------------|--------|
| Nominal Wattage | 6000 W |
| Current (A) | 55.0 A |
| Type of Current | AC |

Light technical data

| | |
|--------------------------------|-----------|
| Luminous Flux | 570000 lm |
| Luminous Efficacy (lm/W) | 95 lm/W |
| Light Center Length - LCL (mm) | 54 mm |
| Color Temperature | 6000 K |
| Color Rendering Index | 90 |
| Average Rated Life | 500 h |

Physical attributes

| | |
|-----------------------------|-------------|
| Base | S25.5 |
| Bulb Shape | R54X60/1044 |
| Maximum Overall Length (mm) | 450 mm |
| Length l1 (mm) | 450 mm |
| Length l1 max. (mm) | 450 mm |
| Diameter d (in) | 2.126 in |
| Diameter d (mm) | 54.00 mm |
| Electrode Gap - cold (mm) | 21 mm |
| Reflector Coating | 54.00 |

Product datasheet

Additional product data

| | |
|--------------------------------------|------------|
| Operating Position | P 15 |
| Maximum Base Temperature (°C) | 450 C |
| Cooling | CONVECTION |
| Hot Restart | Yes |
| Class | C (GAS) |
| Lamp Type | ROUNDFOIL |

Packaging Information

| Product number | EAN/UPC | Packaging | Quantity | Outside dimensions l x w x h | Gross weight |
|----------------|---------------|---------------------|----------|------------------------------|--------------|
| 54315 | 4008321210210 | Shipping box (Case) | 1 | 25.6 in x 5.6 in x 6.3 in | 2.4 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

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