

HMI 12000W/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 $\geq 6000\text{W}$
- 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

Technical data

General product information

Product Number	54316
Product Name	HMI12000WDXS 1/CS 1/SKU
Ordering Abbreviation	HMI 12000W/DXS
Brand Name	OSRAM
Family Brand Name	HMI
General Description	12,000 watt, metal halide, double-ended, 6000K
Application	Film, TV & Video Production. Studio Ltg
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	12000 W
Nominal Voltage	240 V
Current (A)	84.0 A
Type of Current	AC

Light technical data

Luminous Flux	1150000 lm
Luminous Efficacy (lm/W)	96 lm/W
Light Center Length - LCL (mm)	64 mm
Color Temperature	6000 K
Color Rendering Index	90
Average Rated Life	500 h

Physical attributes

Base	S30
Bulb Shape	R64X78/983
Maximum Overall Length (mm)	470 mm
Length l1 (mm)	470 mm
Length l1 max. (mm)	470 mm
Diameter d (in)	2.520 in
Diameter d (mm)	64.00 mm
Electrode Gap - cold (mm)	25 mm
Reflector Coating	64.00

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
54316	4008321210227	Shipping box (Case)	1	24.2 in x 7.7 in x 5.9 in	2.7 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.

Disclaimer

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