

HMI 18000W/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

Technical data

General product information

Product Number	54213
Product Name	HMI18000WDXS 1/CS 1/SKU
Ordering Abbreviation	HMI 18000W/DXS
Brand Name	OSRAM
Family Brand Name	HMI
General Description	18,000 watt, metal halide, double-ended, 6000K
Application	Film, TV & Video Production. Studio Lighting
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	18000 W
Nominal Voltage	225 V
Current (A)	88 A
Type of Current	AC

Light technical data

Luminous Flux	1700000 lm
Luminous Efficacy (lm/W)	94 lm/W
Color Temperature	6000 K
Average Rated Life	500 h

Physical attributes

Base	S30
Bulb Shape	T73
Maximum Overall Length (in)	19.69 in
Maximum Overall Length (mm)	500 mm
Length l max. (in)	19.69 in
Length l max. (mm)	500 mm
Diameter d (in)	2.756 in
Diameter d (mm)	70.00 mm
Electrode Gap - cold (mm)	44 mm

Additional product data

Product datasheet

Operating Position	p15
Maximum Base Temperature (°C)	450 C
Cooling	CONVECTION
Hot Restart	Yes

Packaging Information

Product number	EAN/UPC	Packaging	Quantity	Outside dimensions l x w x h	Gross weight
54213	4008321370280	Shipping box (Case)	1	25.6 in x 5.6 in x 7.7 in	4.1 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.