

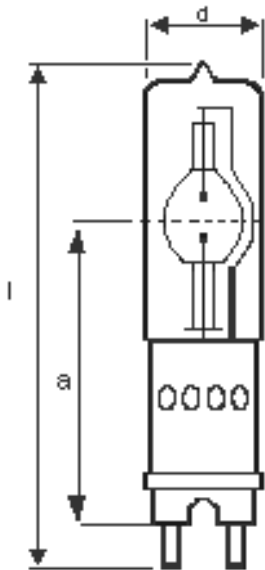
**Product Information Bulletin**

**HMI® 6000 W/SE XS**

**HMI® 12000 W/SE XS**

**Metal Halide Lamp**

- Single-ended metal halide lamp with outer bulb
- Long service life
  - HMI 6000 W/SE XS = 500 hrs
  - HMI 12000 W/SE XS = 300 hrs
- Excellent hot restart
- Robust design (Mechanical stability)
- Daylight color temperature, 6000 K
- High color rendering index, CRI >90
- Very high luminous efficacy (100 lm/W)
- The HMI 6000 W/SE and HMI 12000 W/SE can be operated on standard magnetic ballast or on Electronic Power Supplies (ECG)



**TECHNICAL DATA**

Lamp order reference		HMI 6000 W/SE XS	HMI 12000 W/SE XS
<b>Electrical data:</b>			
Type of current		Sine wave AC	Sine wave AC
Rated power	W	6,000	12,000
Rated voltage	V	123	160
Rated current	A	55	84
Ignition voltage (cold/hot)	kV <sub>s</sub>	10/40	20/65
<b>Photometric data:</b>			
Luminous flux	lm	600,000	1,150,000
Color temperature	K	6,000	6,000
Color rendering index	Ra	> 90	> 90
<b>Geometrical data:</b>			
Electrode gap (cold)	mm	23	27
Lamp Length l max.	mm	360	450
Bulb diameter d	mm	75	100
LCL a	mm	210	255
<b>Other data:</b>			
Max. permitted base temp. °C		450 <sup>1</sup>	450 <sup>1</sup>
Cooling		Convection	Convection
Average service life	hrs	500	300
Base		GX 38	GX 38
Operating position		s 135	s 135
s = Vertical, base down <sup>2</sup>			

<sup>1</sup> Maximum permissible base temperature at Molybdenum cup with “eXtreme Seal” technology  
<sup>2</sup> In horizontal operating position it is recommended that the “lead connection” wire be in the top position with filler tip facing down.

**APPLICATION INFORMATION**

**Applications**

- Film & TV Production
- Video Production
- Studio Lighting

**WARNING**

This lamp emits a high level of ultraviolet (UV) radiation and operates at high pressure. Before use, read the complete warning accompanying the product.

**Disposal**

When disposing of spent lamps, always consult federal, state, local and provincial hazardous waste disposal rules and regulations to ensure proper disposal.

## Ordering Information

<b>Lamp Description</b>	<b>NAED Code</b>	<b>Standard Case Quantity</b>
HMI 6000 W/SE XS	54099	1 per case
HMI 12000 W/SE XS	54113	1 per case

For Orders and  
General Information:  
**OSRAM SYLVANIA**  
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Phone: 1-888-677-2627  
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