

Technical Information

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Metal Halide Lamp

HMI[®] 6000 W/DXS

■ Product description

The OSRAM HMI[®] 6000 W/DXS is a double-ended metal halide lamp. The lamp is characterized by its high luminous efficacy, its daylight-like color temperature and its hot restart ability. The HMI[®] 6000 W/DXS is used in the SSTV field mainly for film shootings.

■ Technical data

Order reference		HMI [®] 6000 W/DXS
Rated lamp wattage	W	6,000
Rated lamp voltage	V	125±10
Rated lamp current (~)	A	55
Ignition voltage	kV _s	20 / 50 (max. 60)
Luminous flux	lm	570,000
Luminous efficacy	lm/W	95
Color temperature	K	6.000
Color rendering index	Ra	> 90
Light arc length	mm	21
Lamp length l ₁	mm	max. 450
Bulb diameter d	mm	54
Average service life	h	500
Base		S 25,5

■ Lamp operation

Maximum permissible pinch seal temperature	°C	450 °C / with eXtreme Seal Technology (measured at welding point)
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Cooling convection

Burning position horizontal ± 15°, p 15

The HMI[®] 6000 W/DXS can either be operated on standard ballasts or on electronic power supplies (ECG).

■ Manufacturers of igniters and control gear (not all officially approved by ORRAM)

Igniters:	Bauch 907 and 916, DESISTI 2642
Ballasts:	Power Gems EB 640P
ECGs:	Bauch 907, DESISTI 2445

Further information on operating and control gears requirements is available with the OSRAM brochure "Guidelines for Control Gear and Igniters - Metal Halide Lamps Photo Optics", order reference 123T01E.

