

Technical Information

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Metal Halide Lamp

HMI® 6000 W

■ Product description

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

■ Technical data

Order reference	HMI® 6000 W	
Rated lamp wattage	W	6,000
Rated lamp voltage	V	123
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 base temperature	°C	230
Cooling	Convection	
Burning position	horizontal $\pm 15^\circ$, p 15	

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

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

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.

