

## Technical Information

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Metal Halide Lamp

# HMI<sup>®</sup> 4000 W/SE

### ■ Product description

The OSRAM HMI<sup>®</sup> 4000 W/SE is a metal halide lamp with outer bulb serving the higher power level. This lamp is mainly used for film, TV and stage lighting, solar simulation and exhibition / fair lighting.

### ■ Technical data

Order reference		HMI <sup>®</sup> 4000 W/SE
Rated lamp wattage	W	4,000
Rated lamp voltage	V	200
Rated lamp current (~)	A	24
Ignition voltage (cold / hot)	kV <sub>s</sub>	5 / 50...60
Luminous flux	lm	380,000
Luminous efficacy	lm/W	95
Color temperature	K	6,000
Color rendering index	Ra	> 90
Electrode gap e	mm	23,5
Lamp length (overall) l <sub>1</sub>	mm	max. 250
Bulb diameter d	mm	max. 75
LCL a	mm	142
Average service life	h	500
Base		G38

### ■ Lamp operation

Maximum pinch seal temperature allowed	°C	350
Cooling		Convection
Burning position		any

The HMI<sup>®</sup> 4000 W/SE can either be operated on standard ballasts or on electronic power supplies (ECG).

### ■ Selection of igniters and control gear

Igniters:	I.R.E.M. AD-3065, sAD-3065; Bauch 276, 940
Ballasts:	ARRI L2.75839.0; I.R.E.M. BC-4000; LTM 501 701; Lumo UB 4 KW, 510-054; May & Christe 1105.1250.005, 1105.2305.003; RDS BU-4000 EP; Strand 65 209 750
ECGs:	ARRI L2.76135.F; B&S EB 4000C; DE SISTI DEB 4000; I.R.E.M. EB-4000, sEB-4000; LTM 501 530; Sansha SG-4000, Super 4KW; Strand 65 209 760; Lightmaker T.L. 4000

Further information on operating and control gear requirements is available with the OSRAM brochure "Guidelines for Control Gear and Igniters - Metal Halide Lamps Photo Optics", order reference 123T01E6/98.

