

Technical Information

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Metal Halide Lamp

HMI[®] 2500 W/SE

■ Product description

The OSRAM HMI[®] 2500 W/SE is a metal halide lamp with outer bulb of the higher wattage range. This lamp type is mainly used in the film and TV lighting, show lighting and the exhibition lighting field.

■ Technical data

Order reference		HMI [®] 2500 W/SE
Rated lamp wattage	W	2,500
Rated lamp voltage	V	115
Rated lamp current (~)	A	25,6
Ignition voltage (cold / hot)	kV _s	5 / 45 (max. 55)
Luminous flux	lm	240,000
Luminous efficacy	lm/W	96
Color temperature	K	6,000
Color rendering index	Ra	> 90
Electrode gap e	mm	14
Lamp length (overall) l ₁	mm	max. 225
Bulb diameter d	mm	max. 60
LCL a	mm	127
Average service life	h	500
Base		G 38

■ Lamp operation

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

The HMI[®] 2500 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-3050, sAD-3050; Mitronic ZG 2500; Bauch 905, 912
Ballasts:	ARRI L2.76630.0/35.0/40.0/75.0; I.R.E.M. BC-2500; LTM 502501; Lumo 510-053; May & Christe 1105.0815.001, 1105.2305.003; Mitronic VG 2500; Panther FL 2500, ST 2500; RDS BC-2500; Strand 65 208 220 ERC 686290/2 (2 units in parallel)
ECGs:	ARRI L2.75014.E; B&S EB 2500C; DE SISTI EB 2500C; ERC DEB 2500; I.R.E.M. EB-2500, sEB-2500; LTM A 522; Lumo Super 2.5; RDS EB-2500; Sansha SG-2500; Strand 65 208 760

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

