

## Technical Information

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## Metal Halide Lamp

# HMI® 575 W/SEL

### ■ Product description

The OSRAM HMI® 575 W/SEL is a single ended metal halide lamp with outer jacket. Service life has been extended to 1,000 hours while keeping the lamp's compact dimensions. The HMI® 575 W/SEL is mainly used in effect, stage and studio lighting.

### ■ Technical data

Order reference		HMI® 575 W/SEL
Rated lamp wattage	W	575
Rated lamp voltage	V	95
Rated lamp current (~)	A	7
Ignition voltage (cold / hot)	kV <sub>s</sub>	5 / 20 (max. 25)
Luminous flux	lm	49,000
Luminous efficacy	lm/W	85
Color temperature	K	6,000
Color rendering index	Ra	> 90
Light arc length	mm	7
Lamp length (overall) $l_1$	mm	max. 145
Bulb diameter $d$	mm	max. 30
LCL $a$	mm	70
Average service life	h	1,000
Base		G22

### ■ Lamp operation

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

Cooling      Convection

Burning position      any

The HMI® 575 W/SEL can either be operated on standard ballast or on electronic power supplies (ECG).

### ■ Selection of ignitors and control gear (not all officially approved by OSRAM)

Ignitors:      ERC 640032; I.R.E.M. AD-825, sAD-825; Mitronic ZGV 40-11; Walker SA-575-i2; Bauch 210, 252; Gossen ZG 0 and ZG 1; Hansmann ZG 500 PRO and ZG 501 PRO

Ballasts:      ERC 686228/2; LTM 504501; Lumo 510-055; ARRI 575 CB; May & Christe 1100.0554.002; Mitronic VG 575

ECGs:      B&S EB 575; Gossen C 37, AC 575; Mitronic PE 400-575, PE 575 MN, PFPE60 Line; ARRI 400/575 EB; 575/1200 EBB/EB DMX; Walker 575, SC 575/1200; Hansmann ER/ERF 575

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

