

Technical Information

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Metal Halide Lamp

HMI[®] 400 W/SE

■ Product description

The OSRAM HMI[®] 400 W/SE is a metal halide lamp with outer jacket. Due to its compact design and the high output a high system efficacy is achieved. The HMI[®] 400 W/SE is mainly used in the effect light and commercial projection field as well as for accent lighting in photo and TV studios.

■ Technical data

Order reference		HMI [®] 400 W/SE
Rated lamp wattage	W	400
Rated lamp voltage	V	70 ± 7
Rated lamp current (~)	A	6.9
Ignition voltage (cold, kHz-ign.)	kV _s	5
Ignition voltage (cold/hot, MHz-ign.)	kV _s	8 / 20 (max. 25)
Luminous flux	lm	33,000
Luminous efficacy	lm/	80
Color temperature	K	6,000
Color rendering index	Ra	> 90
Light arc length	mm	6
Lamp length (overall) l ₁	mm	max. 110
Bulb diameter d	mm	max. 23
LCL a	mm	60
Average service life	h	650
Base		GZZ 9.5

■ Lamp operation

Maximum pinch seal temperature allowed	°C	350
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Cooling	Convection
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Burning position	any
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The HMI[®] 400 W/SE 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 210, 212; Hansmann ER 400; Mitronic ZGV 40-11

Ballasts: Power Gems 5720

ECGs: ARRI 400/575 EB; LEJ ebm 400; Mitronic PE 400; Schiederwerk EVG 5-40

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.

