

Technical Information

No. DO 4319

Edition: 10/08- subject to change

Supersedes: Edition 08/04

Status: valid

Metal Halide Lamp

HMI® 200 W/SE

■ Product description

The OSRAM HMI® 200 W/SE is a metal halide lamp with outer jacket. The single-ended lamp is characterized by its compact dimensions performing in the low wattage segment. The HMI® 200 W/SE is mainly used in accent lighting in photo and TV studio as well as for electronic news gathering (ENG).

■ Technical data

Order reference		HMI® 200 W/SE
Rated lamp wattage	W	200
Rated lamp voltage	V	70 ± 10
Rated lamp current (square wave)	A	3.3
Ignition voltage (cold, kHz ign.)	kV _s	4
Ignition voltage (cold/hot, MHz-ign.)	kV _s	6 / 20 (max. 25)
Luminous flux	lm	6,000
Luminous efficacy	lm/W	75
Color temperature	K	6,000
Color rendering index	Ra	> 90
Electrode gap e	mm	5
Lamp length (overall) l ₁	mm	max. 80
Bulb diameter d	mm	max. 20 (12,5)
LCL a	mm	39
Average service life	h	200
Base		GZY 9.5

■ Lamp operation

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

The HMI® 200 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:	I.R.E.M. AD-825; Mitronic ZGV 125-F2; Walker SA-200-i1; Bauch 252; Gossen ZG 0, ZG 1, Hansmann ER 200-17 and ERF 200-17-L
Ballasts:	ERC 686823; I.R.E.M. BC-200; LTM 506500; Lumo 510-050; May & Christe 1103.0566.036; Mitronic VG 200
ECGs:	DE SISTI DEB 200; Gossen C 39, AC 200; Kobold NE 200N; Lightmaker T.L. 200; ARRI 200 EB; Mitronic PE 400-20; Panther FLIB 200; RDS MT-200 DC; Walker HMI 200; Schiederwerk EVG 2-20

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.

