



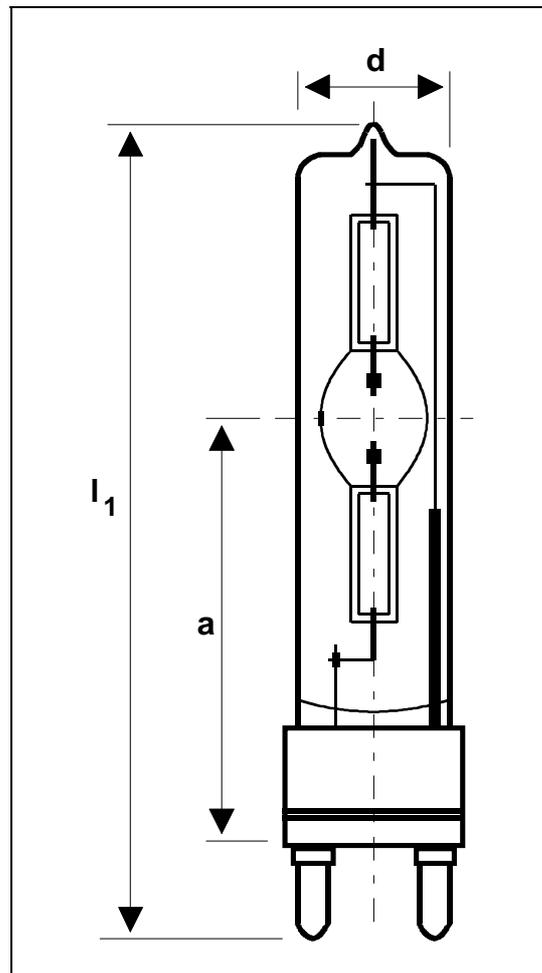
HMI® 1200 W/SEL XS

■ Product description

The OSRAM HMI® 1200 W/SEL is a metal halide lamp with outer bulb. The SEL – single-ended longlife has and extended service life and is characterized by its compact dimensions and daylight-like colour temperature. Featuring OSRAM's eXtreme-Seal Technology, the lamp stands pinch temperatures up to 450°C now. The HMI® 1200 W/SEL is mainly used in the stage, film, studio and TV field.

■ Technical data

Order reference	HMI® 1200 W/SEL XS	
Rated lamp wattage	W	1.200
Rated lamp voltage	V	100± 10
Rated lamp current (~)	A	13.8
Ignition voltage (cold, kHz-ign.)	kV _s	4.5
Ignition voltage (cold/hot, MHz-ign.)	kV _s	12 / 35 (max. 45)
Luminous flux	lm	110,000
Luminous efficacy	lm/	92
Color temperature	K	6,000
Color rendering index	Ra	> 90
Light arc length	mm	10
Lamp length (overall) l ₁	mm	max. 200
Bulb diameter d	mm	max. 42
LCL a	mm	107
Average service life	h	1,000
Base	G38	



■ Lamp operation

Maximum pinch seal temperature allowed	°C	450 / with eXtreme Seal Technology (measured at welding point)
Cooling	Convection	
Burning position	any	

The HMI® 1200 W/SEL can either be operated on standard ballast or on electronic power supplies (ECG).

■ Manufacturers of igniters and control gear (not all officially approved by OSRAM)

Ignitors:	ERC 640032; I.R.E.M. AD-1550, sAD-1550; Mitronic ZG 1200; Walker SA-1200-i3; Bauch 244, 242; Hansmann MBS 1200 Set
Drosseln:	ARRI 1200 CB, 1200 CB DMX; ERC 686290/2; L.P. 8612-4; LTM A-609; Lumo 510-052; Mitronic VG 1200; Panther FL 1200, ST 1200; Sachtler B 12 110, B 12 220; Strand 65 207 720
EVGs:	B&S EB 1200C; De Sisti DEB 1200; LTM A519; Lumo Super 1.2; Mitronic PE1k2 line, PFPE12 line; RDS EB-1200; Sachtler Netronic 1200; Sansha SG-1200; Walker HMI 575, SC 575/1200; Schiederwerk EVG 12-12; ARRI 575/1200 EBB / EB DMX

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.