

# Technical Information

No.

Edition: / - subject to change

Supersedes:

Status:



# Metal Halide Lamp

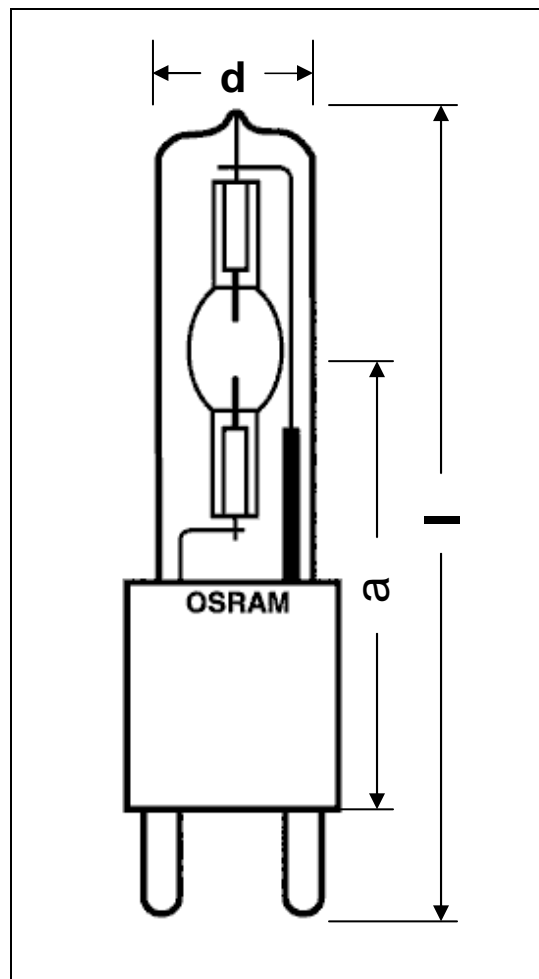
# HMI<sup>®</sup> 1800 W/SE XS

## ■ Product description

The OSRAM HMI<sup>®</sup> 1800W/SE XS is a metal halide lamp with outer bulb. The lamp is characterized by its compact dimensions and daylight-like colour temperature. Featuring OSRAM's eXtreme-Seal Technology, the lamp withstands pinch temperatures up to 450°C. The HMI<sup>®</sup> 1800W/SE XS is mainly used in the stage, film, studio and TV applications.

## ■ Technical data

Order reference	HMI <sup>®</sup> 1800W/SE XS	
Rated lamp wattage	W	1,800
Rated lamp voltage	V	140
Rated lamp current (~)	A	14.6
Ignition voltage (cold/hot)	kV <sub>s</sub>	5 / 35 (max. 45)
Luminous flux	lm	165,000
Luminous efficacy	lm/W	92
Color temperature	K	6,000
Color rendering index	Ra	> 90
Light arc length	mm	12,7
Lamp length (overall) l <sub>1</sub>	mm	max. 200
Bulb diameter d	mm	max. 42
LCL a	mm	107
Average service life	h	750
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<sup>®</sup> 1800W/SE XS 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:

Drosseln:

EVGs:

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.

Distributor:

  
Techni-Lux  
www.techni-lux.com

Phone: 407-857-8770

Fax: 407-857-8771

Email: sales@techni-lux.com

