

## Technical Information

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## Metal Halide Short Arc Lamp

# SharXS® HTI® 400 W/D3/75

### ■ Product description

The OSRAM SharXS® HTI® 400 W/D3/75 is a compact double-ended ('D') metal halide lamp of the new SharXS® family. By the extra short arc of 3 mm ('3'), this lamp has a very high luminance and provides a high output for intelligent entertainment lighting. The "eXtreme Seal" technology enables higher pinch temperatures up to max. 450°C. Being doubled-ended (with pre-focus base) the lamp is suitable for hot restart.

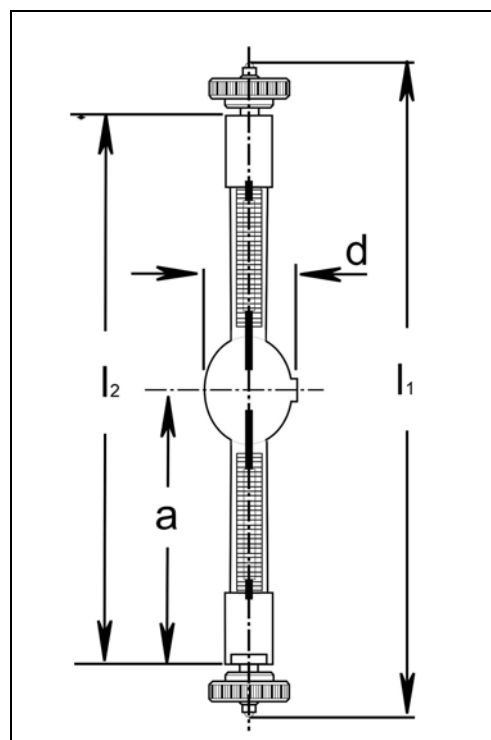
now 1,000 hours !



### ■ Technical data \*

Order reference	SharXS®	HTI® 400 W/D3/75
Rated lamp wattage	W	400
Rated lamp voltage (ECG)	V	49
Rated lamp current (ECG)	A	8.5
Ignition voltage (cold/hot)	kV <sub>s</sub>	3 / 25
Luminous flux	lm	26,000
Average Luminance	cd/cm <sup>2</sup>	55,000
Color temperature	K	7,500
Color rendering index CRI		> 80
Light arc length (cold)	mm	3
Lamp length (overall) I <sub>1</sub>	mm	max. 136
Lamp length I <sub>2</sub>	mm	115 ± 1
Diameter bulb d	mm	max. 18
LCL a	mm	57.5 ± 1
Average service life	h	1,000
Base (pre-focus)		SFc-10-4 with notch

\* Data are average values if no tolerance is listed



### ■ Lamp operation

Maximum permissible base temperature	°C	450 / with eXtreme Seal Technology (measured on Moly-foil/pinch)
Cooling		Forced cooling / fan
Burning position		Any

Best performance of the SharXS® HTI® 400W/D3/75 is achieved with ECG operation. Operation on magnetic ballast is basically possible – with reduced performance and higher flicker rate to be expected.

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

Igniters:	Schiederwerk; Mitronic; Bauch
ECGs:	Schiederwerk PVG 5-n AC, EVG 5; Mitronic
Ballasts:	ERC

Please note: this list is not exhaustive.