

Technical Information

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Metal Halide Short Arc Lamp

SharXS® HTI® 200 W/D3/70

■ Product description

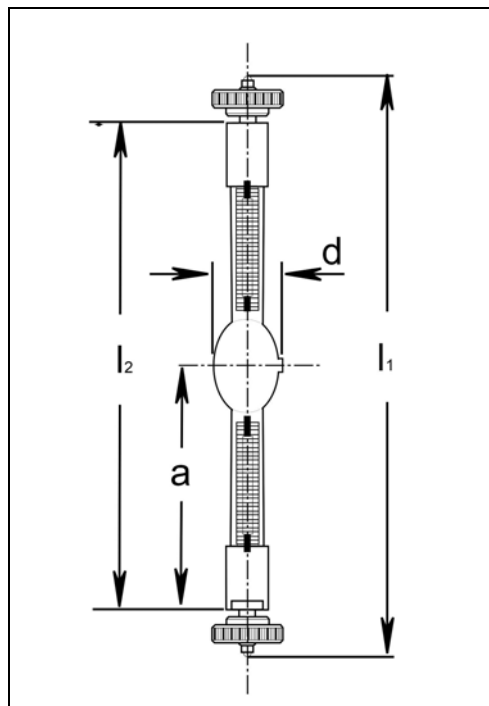
The OSRAM SharXS® HTI® 200 W/D3/70 is a compact double-ended ('D') metal halide lamp of the new SharXS® family. By the extra short arc of 3 mm ('3'), this lamp has a very high luminance and provides a high output for intelligent entertainment lighting. The "eXtreme Seal" technology enables higher pinch temperatures up to max. 450°C. Being doubled-ended (with pre-focus base) the lamp is suitable for hot restart.



■ Technical data *

Order reference	SharXS®	HTI® 200 W/D3/70
Rated lamp wattage	W	200
Rated lamp voltage (ECG)	V	60
Rated lamp current (ECG)	A	3.3
Ignition voltage (cold/hot)	kV _s	3 / 25
Luminous flux	lm	13,000
Average Luminance	cd/cm ²	30,000
Color temperature	K	7,000
Color rendering index CRI		> 85
Light arc length (cold)	mm	3
Lamp length (overall) I ₁	mm	max. 136
Lamp length I ₂	mm	115 ± 1
Diameter bulb d	mm	max. 16
LCL a	mm	57.5 ± 1
Average service life	h	3000
Base (pre-focus)		SFc-10-4 with notch

* Data are average values if no tolerance is noted



■ Lamp operation

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

The SharXS® HTI® 200W/D3/70 is designed for ECG operation. Operation on magnetic ballast is not recommended.

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

Igniters:	OSRAM, Schiederwerk, Mitronic, Bauch
ECGs:	OSRAM Powertronic, Schiederwerk, Mitronic
Ballasts:	ERC

Please note: this list is not exhaustive.