

Technical Information

Metal Halide Short Arc Lamp

No. DO 5530 - subject to change without notice

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SharXS® HTI® 1500 W/D7/60

■ Product description

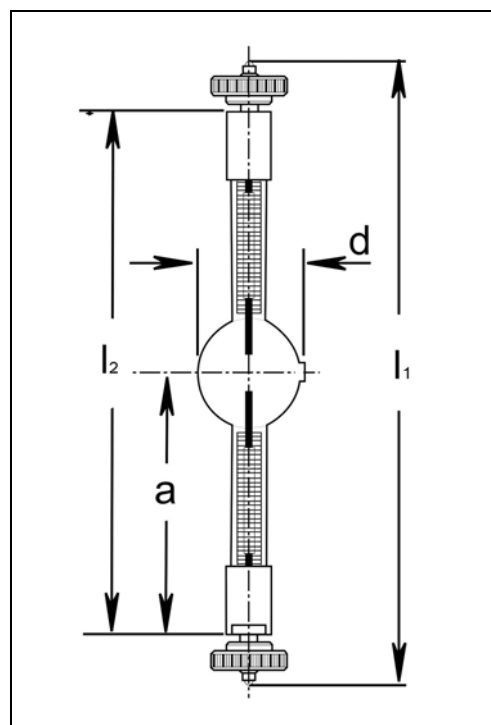
The OSRAM SharXS® HTI® 1500 W/D7/60 is a compact double-ended ('D') metal halide lamp of the new SharXS® family. By the extra short arc of 7 mm ('7'), this lamp has a very high luminance and provides a high output for intelligent entertainment lighting. It can be dimmed down to 1200W where noise matters. 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 and fits perfectly into the SharXS socket.



■ Technical data *

Order reference	SharXS®	HTI® 1500 W/D7/60
Rated lamp wattage	W	1,500 (1,200-1,500)
Rated lamp voltage	V	110
Rated lamp current	A	13.6
Ignition voltage (cold/hot, Mhz ign.)	kV _S	10 / 35 (max. 45)
Ignition voltage (cold/hot, khz ign.)	kV _S	5 / 35 (max. 45)
Luminous flux	lm	165,000
Color temperature	K	6,000 (at 1500W)
Color rendering index CRI		> 90
Light arc length (cold)	mm	7
Lamp length (overall) I ₁	mm	max. 136
Lamp length I ₂	mm	115 ± 1
Diameter bulb d	mm	max. 25
LCL a	mm	57.5 ± 1
Average service life	h	750 (at 1200-1500W oper.)
Base (pre-focus)		SFc10-4 with notch

* data are average values if no tolerance is given.



■ 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® 1500W/D7/60 is designed for operation on electronic ballasts (ECG) only. Operation on magnetic ballast will result in lower performance, accelerated ageing and poorer maintenance.

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

Igniters: Schiederwerk, CCI Power Supplies
ECGs: Schiederwerk, CCI Power Supplies MHL 1500M5Z

Please note: this list is not exhaustive.

