

Technical Information

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Metal Halide Short Arc Lamp

SharXS[®] HTI[®] 575 W/D4/75

■ Product description

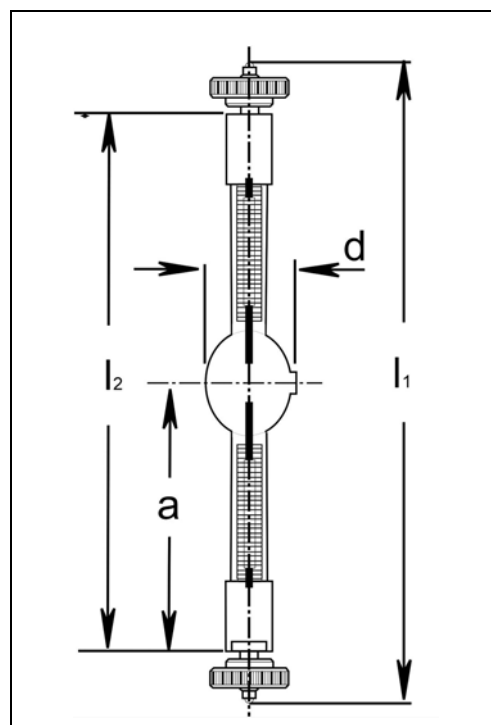
The OSRAM SharXS[®] HTI[®] 575 W/D4/75 is a compact double-ended ('D') metal halide lamp of the new SharXS[®] family. By the extra short arc of 4 mm ('4'), this lamp has a very high luminance and provides a high output for intelligent entertainment lighting. The "eXtreme Seal" technology enables higher 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 [®] 575 W/D4/75
Rated lamp wattage	W	575
Rated lamp voltage (ECG)*	V	64
Rated lamp current (ECG) *	A	9,0
Ignition voltage (cold/hot)	kV _s	3 / 25
Luminous flux	lm	44,000
Average Luminance	cd/cm ²	49,000
Color temperature	K	7,500
Color rendering index CRI		> 80
Light arc length (cold)	mm	4
Lamp length (overall) I ₁	mm	max. 136
Lamp length I ₂	mm	115 ± 1
Diameter bulb d	mm	max. 20.5
LCL a	mm	57.5 ± 1
Average service life	h	750
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

The SharXS[®] HTI[®] 575W/D4/75 has been designed for operation on electronic ballasts.

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

Igniters: Schiederwerk; Mitronic; Power Gems; Warner Power; Bauch
ECGs: Schiederwerk; Mitronic; Power Gems; Warner Power; Rotec

Please note: this list is not exhaustive.