



Passion creates the show

SharXS® HTI® – Bringing emotions to light

osram.com/entertainment

A large family with a real bite: OSRAM SharXS® HTI® and SharXS® Brilliant

Thanks to their modular design, all the members of the SharXS® family are masters of creative light.

Great efficiency: short-arc technology.

The SharXS® family uses state-of-the-art HTI® technology to achieve a particularly high luminous efficacy. The arc in these light sources has been reduced to 3–10 mm. What this means for you is that the SharXS® produces a higher luminance from the same wattage and therefore saves electricity and reduces your operating costs.

Capable thermal loading: eXtreme-Seal technology.

A special coating is the key. The maximum pinch temperature is 450 °C. Because they can withstand greater thermal loads, SharXS® lamps need less cooling and are therefore quieter in operation. Thanks to the higher thermal load capacity of SharXS® lamps, less cooling is required so the luminaires are quieter in operation.

Modular design: the same dimensions for all wattages within each SharXS® family.

For luminaire manufacturers, the compact modular design means a shorter time to market and lower costs.



SharXS® packaging

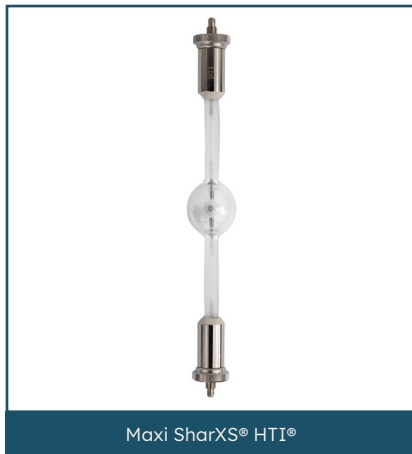
SharXS® Brilliant offers:

- Natural tone of light with CRI as high as 90
- eXtreme Seal (XS) technology for improved thermal loading
- Modular design with overall length of 136 mm



Photo: © Ralph Larmann/NPO/NOS/AVROTROS

Meet our SharXS® Brilliant



Maxi SharXS® HTI®



SharXS® HTI® and SharXS® Brilliant



Baby SharXS® HTI®

SharXS® in its element

SharXS® lamps are at home in all areas of entertainment lighting:

- Shows and events
- Clubs und discotheques
- Concert halls
- TV studios
- Advertising and retail

They are ideal for intelligent luminaires:

- Moving heads
- Scanners
- Projectors
- Color changers

Successful for the past 40 years

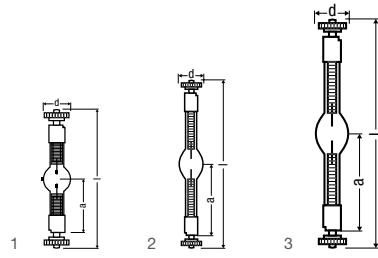
Double-ended lamps have enjoyed great success on the entertainment market for many years. They really play to their strengths:

- Less sensitive to heat
- Always ready for a hot restart
- Allow more compact luminaire design
- Pre-focus base for accurate lamp installation
- Double-ended lamp will allow for key-lock socket feature

SharXS® lamps are compatible with entertainment fixtures from all major manufacturers. To find an ideal match for your moving head, try our lamp replacement tool that generates a list of our entertainment lamps well-suited to your fixture and gives you the option of exploring product details.

www.osram.com/lamp-replacement-entertainment





SharXS® HTI® lamp types

Product reference	Product number	W	V	kV START	A	t _h	lm	K
Baby SharXS® HTI®								
Baby SharXS HTI 250 W/D5/80	4008321129161	250 ¹⁾	95	2.0/20 ²⁾	3.2	3000	19000	8000
Baby SharXS HTI 300 W/D5/57	4008321129185	300 ¹⁾	75	4.5/20	4.3	3000	20000	5700
Baby SharXS HTI 300 W/D5/65	4008321129208	300 ¹⁾	95	4.5/20	3.6	750	22000	6500
Baby SharXS HTI 575 W/D5/56	4008321129345	575 ¹⁾	93	4.5/20	7.0	500	43000	5600

SharXS® HTI® and SharXS® Brilliant								
SharXS HTI 400 W/D3/75	4008321285157	400 ¹⁾	50	3.0/25 ²⁾	8.5	750	26000	7500
SharXS HTI 700 W/D4/60 ³⁾	4008321285218	700 ¹⁾	70	3.0/25 ²⁾	10	750	60000	6000
SharXS HTI 700 W/D4/75	4008321285232	700 ¹⁾	70	3.0/25 ²⁾	10	750	60000	7500
SharXS HTI 1200 W/D7/60	4008321285256	1200 ¹⁾	95	5.0/35	12.7	750	110000	6000
SharXS HTI 1200 W/D7/75 ³⁾	4008321285270	1200 ¹⁾	95	5.0/35	12.7	750	110000	7500
SharXS HTI 1500 W/D7/60 ⁴⁾	4008321349569	1500 ¹⁾	110	5.0/35	13.6	750	145000	6000
SharXS 1200 W Brilliant	4052899562622	1200 ¹⁾	95	5.0/35	12.7	750	105000	6100
SharXS 1500 W Brilliant	4052899561793	1500 ¹⁾	110	5.0/35	13.6	750	132000	6200

Maxi SharXS® HTI®								
Maxi SharXS HTI 2000 W/D10/60	4008321334947	2000 ¹⁾	105	-	19.0	750	200000	6000

Baby SharXS® HTI®	R _a	∅ d [mm]	l [mm]	LCL ā [mm]					No.
Baby SharXS HTI 250 W/D5/80	>85	16	93	35	5.0	Any	SFc10-4	1	1
Baby SharXS HTI 300 W/D5/57	80	16	93	35	5.0	Any	SFc10-4	1	1
Baby SharXS HTI 300 W/D5/65	85	16	93	35	5.0	Any	SFc10-4	1	1
Baby SharXS HTI 575 W/D5/56	85	16	93	35	5.0	Any	SFc11-4	1	1

SharXS® HTI® and SharXS® Brilliant									
SharXS HTI 400 W/D3/75	80	18	136	57.5	3.0	Any	SFc10-4	1	2
SharXS HTI 700 W/D4/60 ³⁾	>80	18	136	57.5	4.0	Any	SFc10-4	1	2
SharXS HTI 700 W/D4/75	>80	21	136	57.5	4.0	Any	SFc10-4	1	2
SharXS HTI 1200 W/D7/60	90	21	136	57.5	7.0	Any	SFc10-4	1	2
SharXS HTI 1200 W/D7/75 ³⁾	80	21	136	57.5	7.0	Any	SFc10-4	1	2
SharXS HTI 1500 W/D7/60 ⁴⁾	>80	24.5	136	57.5	7.0	Any	SFc10-4	1	2
SharXS 1200 W Brilliant	94	23.5	136	57.5	7.6	Any	SFc10-4	1	2
SharXS 1500 W Brilliant	93	24.5	136	57.5	7.0	Any	SFc10-4	1	2

Maxi SharXS® HTI®									
Maxi SharXS HTI 2000 W/D10/60	>90	28	220	90	10.0	Any	SFc15.5	1	3

1) Not relevant | 2) Cold / Hot | 3) XS = eXtreme Seal (maximum permissible foil temperature 450 °C) | 4) May be operated from 1,200...1,500 W

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