



SharXS[®] HTI[®] and SharXS[®] Brilliant

Light that gets you in the groove

osram.com/entertainment

A large family with a real bite: 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.

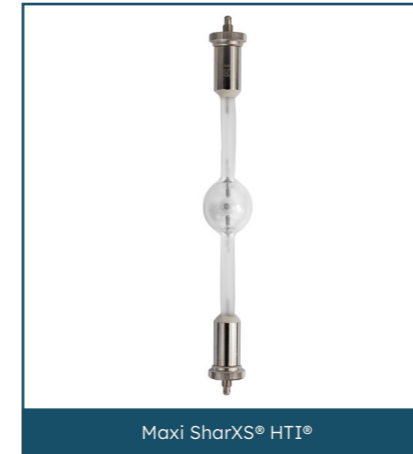


SharXS® packaging

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

Let there be light



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 decades

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

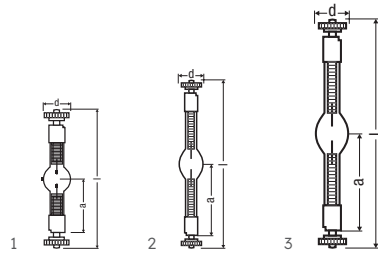
SharXS® lamps are compatible with entertainment fixtures from all major manufacturers. To find an ideal match for your moving head, try our lamp replacement tool that generates a list of our entertainment lamps well-suited to your fixture and gives you the option of exploring product details.

www.osram.com/lamp-replacement-entertainment



Photo: © Ralph Larmann/NPO/NOS/AVROTROS





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⁾ | 3.3 | 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 | 7.2 | 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⁾ | 11 | 750 | 59000 | 6000 |
| SharXS HTI 700 W/D4/75 | 4008321285232 | 700 ¹⁾ | 70 | 3.0/25 ²⁾ | 10 | 750 | 59000 | 7500 |
| SharXS HTI 1200 W/D7/60 | 4008321285256 | 1200 ¹⁾ | 96.6 | 5.0/35 | 12.4 | 750 | 110000 | 6900 |
| SharXS HTI 1200 W/D7/75 ³⁾ | 4008321285270 | 1200 ¹⁾ | 95.3 | 5.0/35 | 12.6 | 750 | 91000 | 8800 |
| 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⁾ | 90 | 5.0/35 | 13.3 | 750 | 110000 | 6100 |
| SharXS 1500 W Brilliant | 4052899561793 | 1500 ¹⁾ | 110 | 5.0/35 | 13.6 | 750 | 132000 | 6200 |

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|-------------------------------|---------------|--------------------|-----|---|------|-----|--------|------|
| Maxi SharXS® HTI® | | | | | | | | |
| Maxi SharXS HTI 1800 W/D10/60 | 4062172399807 | 1800 ¹⁾ | 107 | - | 17 | 750 | 160000 | 6500 |
| 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 a [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 |

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|---|-----|------|-----|------|-----|-----|---------|---|---|
| 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 | 85 | 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 | 21 | 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 |

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|-------------------------------|-----|------|-----|----|------|-----|---------|---|---|
| Maxi SharXS® HTI® | | | | | | | | | |
| Maxi SharXS HTI 1800 W/D10/60 | 90 | 30.5 | 220 | 90 | 10.0 | Any | SFc15.5 | 1 | 3 |
| Maxi SharXS HTI 2000 W/D10/60 | >90 | 28 | 220 | 90 | 10.0 | Any | SFc15.5 | 1 | 3 |

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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