

SharXS HTI

Special high performance double end lamps with eXtreme Seal (XS) technology and consistent lengths, including SharXS, Baby SharXS and Maxi SharXS



Areas of application

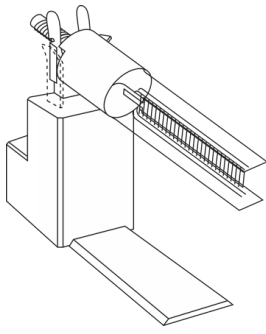
- Concert Lighting
- Club & Disco
- Stage & Theatre
- Studio, TV, & Film
- Architecture & Architainment

Product features and benefits

- SHARXS lamps provide consistent lengths and bases within each SharXS family for simplified fixture designs (Baby SharXS - 93mm, SharXS - 136mm, Maxi SharXS - 220mm)
- Robust design with eXtreme Seal (XS) technology, allowing up to 450°C at the pinch seal
- Hot restart capability
- Natural tone of light with CRI as high as 90 for "Brilliant" types



Product family datasheet



SharXS HTI

Product family datasheet

Technical data

| Product description | General Product Information | | | |
|---------------------------------------|-----------------------------|---------------------------|--|-----------------|
| | Global order reference | Product number (Americas) | Product name (Americas) | Family brand |
| Baby SharXS HTI 250 W/D5/80 | Baby SharXS HTI 250 W/D5/80 | | | |
| Baby SharXS HTI 300 W/D5/57 | Baby SharXS HTI 300 W/D5/57 | 54298 | BABY SHARXS HTI 300W/D5/57 10/CS 1/SKU | Baby SharXS HTI |
| Baby SharXS HTI 300 W/D5/65 | Baby SharXS HTI 300 W/D5/65 | 54299 | BABY SHARXS HTI 300W/D5/65 10/CS 1/SKU | Baby SharXS HTI |
| Baby SharXS HTI 575 W/D5/56 | Baby SharXS HTI 575 W/D5/56 | 54359 | BABY SHARXS HTI 575W/D5/56 10/CS 1/SKU | Baby SharXS HTI |
| SHARXS HTI 400 W/D3/75 ¹⁾ | SHARXS HTI 400 W/D3/75 | 54241 | SHARXS HTI 400W/D3/75 10/CS 1/SKU | SharXS HTI |
| SHARXS HTI 700 W/D4/60 ²⁾ | SHARXS HTI 700 W/D4/60 | 54282 | SHARXS HTI 700W/D4/60 10/CS 1/SKU | SharXS HTI |
| SHARXS HTI 700 W/D4/75 ³⁾ | SHARXS HTI 700 W/D4/75 | 54242 | SHARXS HTI 700W/D4/75 10/CS 1/SKU | SharXS HTI |
| SHARXS HTI 1200 W/D7/60 ³⁾ | SHARXS HTI 1200 W/D7/60 | 54268 | SHARXS HTI 1200W/D7/60 10/CS 1/SKU | SharXS HTI |
| SharXS 1200W Brilliant ³⁾ | SharXS 1200W Brilliant | 55188 | SHARXS 1200W BRILLIANT 10/CS 1/SKU | |
| SHARXS HTI 1200 W/D7/75 ²⁾ | SHARXS HTI 1200 W/D7/75 | 54269 | SHARXS HTI 1200W/D7/75 10/CS 1/SKU | SharXS HTI |
| SHARXS HTI 1500 W/D7/60 ⁴⁾ | SHARXS HTI 1500 W/D7/60 | 54319 | SHARXS HTI 1500W/D7/60 10/CS 1/SKU | SharXS HTI |
| Maxi SharXS HTI 1800 W | Maxi SharXS HTI 1800 W | 4062172399807 | MAXI-SHARXS HTI 1800W 10/CS 1/SKU | |
| Maxi SharXS HTI 2000 W | Maxi SharXS HTI 2000 W | 54328 | MAXI SHARXS HTI 2000W/D10/60 10/CS 1/SKU | SharXS HTI |

| Product description | Lamp type | Electrical Data | | |
|--------------------------------------|--------------|-----------------|-----------------|-----------------|
| | | Nominal wattage | Nominal voltage | Nominal current |
| Baby SharXS HTI 250 W/D5/80 | | 250 W | 95.0 V | 3.3 A |
| Baby SharXS HTI 300 W/D5/57 | DOUBLE ENDED | 300 W | 75.0 V | 4.3 A |
| Baby SharXS HTI 300 W/D5/65 | DOUBLE ENDED | 300 W | 95.0 V | 3.6 A |
| Baby SharXS HTI 575 W/D5/56 | | 575 W | 93.0 V | 7.2 A |
| SHARXS HTI 400 W/D3/75 ¹⁾ | | 400 W | 50.0 V | 8.5 A |
| SHARXS HTI 700 W/D4/60 ²⁾ | | 700 W | 70.0 V | 11 A |
| SHARXS HTI 700 W/D4/75 ³⁾ | | 700 W | 70.0 V | 10 A |

Product family datasheet

| Product description | Lamp type | Electrical Data | | |
|---------------------------------------|-----------|-----------------|-----------------|-----------------|
| | | Nominal wattage | Nominal voltage | Nominal current |
| SHARXS HTI 1200 W/D7/60 ³⁾ | | 1200 W | 96.6 V | 12.4 A |
| SharXS 1200W Brilliant ³⁾ | | 1200 W | 90.0 V | 13.3 A |
| SHARXS HTI 1200 W/D7/75 ²⁾ | | 1200 W | 95.3 V | 12.6 A |
| SHARXS HTI 1500 W/D7/60 ⁴⁾ | | 1500 W | 110 V | 13.6 A |
| Maxi SharXS HTI 1800 W | | 1800 W | 101 V | 17.8 A |
| Maxi SharXS HTI 2000 W | | 2000 W | 105 V | 19 A |

| Product description | Photometric Data | Physical Attributes & Dimensions | | |
|---------------------------------------|-----------------------|----------------------------------|----------|---------------|
| | Nominal luminous flux | Electrode gap (cold) | Diameter | Diameter (in) |
| Baby SharXS HTI 250 W/D5/80 | 19000 lm | 5.0 mm | 16.0 mm | 0.630 in |
| Baby SharXS HTI 300 W/D5/57 | 20000 lm | 5.5 mm | 16.0 mm | 0.630 in |
| Baby SharXS HTI 300 W/D5/65 | 22000 lm | 5.5 mm | 16.0 mm | 0.630 in |
| Baby SharXS HTI 575 W/D5/56 | 43000 lm | 5.0 mm | 16.0 mm | 1.024 in |
| SHARXS HTI 400 W/D3/75 ¹⁾ | 26000 lm | 3.0 mm | 18.0 mm | 0.709 in |
| SHARXS HTI 700 W/D4/60 ²⁾ | 59000 lm | 4.0 mm | 18.0 mm | 0.709 in |
| SHARXS HTI 700 W/D4/75 ³⁾ | 59000 lm | 4.0 mm | 21.0 mm | 0.709 in |
| SHARXS HTI 1200 W/D7/60 ³⁾ | 110000 lm | 7.0 mm | 21.0 mm | 0.866 in |
| SharXS 1200W Brilliant ³⁾ | 110000 lm | 7.6 mm | 21.0 mm | 0.866 in |
| SHARXS HTI 1200 W/D7/75 ²⁾ | 91000 lm | 7.0 mm | 21.0 mm | 0.866 in |
| SHARXS HTI 1500 W/D7/60 ⁴⁾ | 145000 lm | 7.0 mm | 24.5 mm | 0.984 in |
| Maxi SharXS HTI 1800 W | 160000 lm | 10.0 mm | 30.5 mm | |
| Maxi SharXS HTI 2000 W | 200000 lm | 10.0 mm | 30.5 mm | 1.102 in |

| Product description | Length | Product weight | Operating Conditions | |
|---------------------------------------|----------|----------------|----------------------|----------------------|
| | | | Burning position | Cooling |
| Baby SharXS HTI 250 W/D5/80 | 93.0 mm | 26.00 g | Any | Forced ⁵⁾ |
| Baby SharXS HTI 300 W/D5/57 | 93.0 mm | 25.00 g | Any | Forced ⁵⁾ |
| Baby SharXS HTI 300 W/D5/65 | 93.0 mm | 26.00 g | Any | Forced ⁵⁾ |
| Baby SharXS HTI 575 W/D5/56 | 93.0 mm | 26.00 g | Any | Forced ⁵⁾ |
| SHARXS HTI 400 W/D3/75 ¹⁾ | 136.0 mm | 30.00 g | Any | |
| SHARXS HTI 700 W/D4/60 ²⁾ | 136.0 mm | 33.00 g | Any | |
| SHARXS HTI 700 W/D4/75 ³⁾ | 136.0 mm | 33.00 g | Any | |
| SHARXS HTI 1200 W/D7/60 ³⁾ | 136.0 mm | 33.00 g | Any | |
| SharXS 1200W Brilliant ³⁾ | 136.0 mm | 33.00 g | Any | |
| SHARXS HTI 1200 W/D7/75 ²⁾ | 136.0 mm | 33.00 g | Any | Forced ⁵⁾ |
| SHARXS HTI 1500 W/D7/60 ⁴⁾ | 136.0 mm | 35.00 g | Any | |
| Maxi SharXS HTI 1800 W | 220.0 mm | 104.00 g | Any | |
| Maxi SharXS HTI 2000 W | 220.0 mm | 104.00 g | Any | |

Product family datasheet

| Product description | Max. permitted ambient temp. pinch point | Maximum permitted pinch temperature | Lifetime Data | Environmental & Regulatory Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |
|---------------------------------------|--|-------------------------------------|------------------|--|
| | | | Nominal lifetime | Primary article identifier |
| Baby SharXS HTI 250 W/D5/80 | 450 °C ⁶⁾ | 450 °C | 3000 hr | 4008321129161 |
| Baby SharXS HTI 300 W/D5/57 | 450 °C ⁶⁾ | 450 °C | 3000 hr | 4008321129185 |
| Baby SharXS HTI 300 W/D5/65 | 450 °C ⁶⁾ | 450 °C | 750 hr | 4008321129208 |
| Baby SharXS HTI 575 W/D5/56 | 450 °C ⁶⁾ | 450 °C | 500 hr | 4008321129345 |
| SHARXS HTI 400 W/D3/75 ¹⁾ | 450 °C | 450 °C | 1000 hr | 4008321285157 |
| SHARXS HTI 700 W/D4/60 ²⁾ | 450 °C ⁶⁾ | 450 °C | 750 hr | 4008321285218 |
| SHARXS HTI 700 W/D4/75 ³⁾ | | 450 °C | 750 hr | 4008321285232 |
| SHARXS HTI 1200 W/D7/60 ³⁾ | | 450 °C | 750 hr | 4008321285256 |
| SharXS 1200W Brilliant ³⁾ | | 450 °C | 750 hr | 4052899562622 |
| SHARXS HTI 1200 W/D7/75 ²⁾ | 450 °C ⁶⁾ | 450 °C | 750 hr | 4008321285270 |
| SHARXS HTI 1500 W/D7/60 ⁴⁾ | | 450 °C | 750 hr | 4008321285294 |
| Maxi SharXS HTI 1800 W | | 450 °C | 750 hr | 4062172399807 |
| Maxi SharXS HTI 2000 W | | 450 °C | 750 hr | 4008321334947 |

| Product description | Declaration no. in SCIP database | Candidate list substance 1 |
|---------------------------------------|------------------------------------|------------------------------------|
| Baby SharXS HTI 250 W/D5/80 | No declarable substances contained | No declarable substances contained |
| Baby SharXS HTI 300 W/D5/57 | No declarable substances contained | No declarable substances contained |
| Baby SharXS HTI 300 W/D5/65 | No declarable substances contained | No declarable substances contained |
| Baby SharXS HTI 575 W/D5/56 | No declarable substances contained | No declarable substances contained |
| SHARXS HTI 400 W/D3/75 ¹⁾ | No declarable substances contained | No declarable substances contained |
| SHARXS HTI 700 W/D4/60 ²⁾ | No declarable substances contained | No declarable substances contained |
| SHARXS HTI 700 W/D4/75 ³⁾ | No declarable substances contained | No declarable substances contained |
| SHARXS HTI 1200 W/D7/60 ³⁾ | No declarable substances contained | No declarable substances contained |
| SharXS 1200W Brilliant ³⁾ | No declarable substances contained | No declarable substances contained |
| SHARXS HTI 1200 W/D7/75 ²⁾ | No declarable substances contained | No declarable substances contained |
| SHARXS HTI 1500 W/D7/60 ⁴⁾ | No declarable substances contained | No declarable substances contained |
| Maxi SharXS HTI 1800 W | In work | |

Product family datasheet

| Product description | Declaration no. in SCIP database | Candidate list substance 1 |
|------------------------|------------------------------------|------------------------------------|
| Maxi SharXS HTI 2000 W | No declarable substances contained | No declarable substances contained |

¹⁾ Also available as an OEM package with 30 units without knurled nuts

²⁾ XS = eXtreme Seal (maximum permissible foil temperature 450 °C)

³⁾ Also available as an OEM package with 30 units without knurled nuts/XS = eXtreme Seal (maximum permissible foil temperature 450 °C)

⁴⁾ May be operated from 1,200...1,500 W

⁵⁾ Fan

⁶⁾ Measured at Molybdenum foil / Pinch Seal region (eXtreme Seal Technology)

Product family datasheet

Safety advice

Because of their high luminance, UV radiation and high internal pressure during operation, Maxi SharXS HTI lamps may only be operated in enclosed lamp casings specially constructed for the purpose. Appropriate filters must ensure that UV radiation is reduced to an acceptable level. Mercury is released if the lamp breaks. Special safety precautions must be taken. Information on safety and handling is available on request or can be found in the leaflet included with the lamp or in the operating instructions.

Application advice

For more detailed application information and graphics please see product datasheet.

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.