

## 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

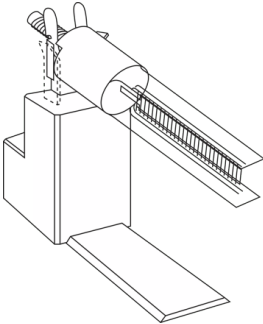
- Concert Lighting
- Club & Disco
- Stage & Theatre
- Studio, TV, & Film
- Architecture & Architainment

### 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



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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 <sup>1)</sup>	SHARXS HTI 400 W/D3/75	54241	SHARXS HTI 400W/D3/75 10/CS 1/SKU	SharXS HTI
SHARXS HTI 700 W/D4/60 <sup>2)</sup>	SHARXS HTI 700 W/D4/60	54282	SHARXS HTI 700W/D4/60 10/CS 1/SKU	SharXS HTI
SHARXS HTI 700 W/D4/75 <sup>3)</sup>	SHARXS HTI 700 W/D4/75	54242	SHARXS HTI 700W/D4/75 10/CS 1/SKU	SharXS HTI
SHARXS HTI 1200 W/D7/60 <sup>3)</sup>	SHARXS HTI 1200 W/D7/60	54268	SHARXS HTI 1200W/D7/60 10/CS 1/SKU	SharXS HTI
SharXS 1200W Brilliant <sup>3)</sup>	SharXS 1200W Brilliant	55188	SHARXS 1200W BRILLIANT 10/CS 1/SKU	
SHARXS HTI 1200 W/D7/75 <sup>2)</sup>	SHARXS HTI 1200 W/D7/75	54269	SHARXS HTI 1200W/D7/75 10/CS 1/SKU	SharXS HTI
SHARXS HTI 1500 W/D7/60 <sup>4)</sup>	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 <sup>1)</sup>		400 W	50.0 V	8.5 A
SHARXS HTI 700 W/D4/60 <sup>2)</sup>		700 W	70.0 V	11 A
SHARXS HTI 700 W/D4/75 <sup>3)</sup>		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 <sup>3)</sup>		1200 W	96.6 V	12.4 A
SharXS 1200W Brilliant <sup>3)</sup>		1200 W	90.0 V	13.3 A
SHARXS HTI 1200 W/D7/75 <sup>2)</sup>		1200 W	95.3 V	12.6 A
SHARXS HTI 1500 W/D7/60 <sup>4)</sup>		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 <sup>1)</sup>	26000 lm	3.0 mm	18.0 mm	0.709 in
SHARXS HTI 700 W/D4/60 <sup>2)</sup>	59000 lm	4.0 mm	18.0 mm	0.709 in
SHARXS HTI 700 W/D4/75 <sup>3)</sup>	59000 lm	4.0 mm	21.0 mm	0.709 in
SHARXS HTI 1200 W/D7/60 <sup>3)</sup>	110000 lm	7.0 mm	21.0 mm	0.866 in
SharXS 1200W Brilliant <sup>3)</sup>	110000 lm	7.6 mm	21.0 mm	0.866 in
SHARXS HTI 1200 W/D7/75 <sup>2)</sup>	91000 lm	7.0 mm	21.0 mm	0.866 in
SHARXS HTI 1500 W/D7/60 <sup>4)</sup>	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 <sup>5)</sup>
Baby SharXS HTI 300 W/D5/57	93.0 mm	25.00 g	Any	Forced <sup>5)</sup>
Baby SharXS HTI 300 W/D5/65	93.0 mm	26.00 g	Any	Forced <sup>5)</sup>
Baby SharXS HTI 575 W/D5/56	93.0 mm	26.00 g	Any	Forced <sup>5)</sup>
SHARXS HTI 400 W/D3/75 <sup>1)</sup>	136.0 mm	30.00 g	Any	
SHARXS HTI 700 W/D4/60 <sup>2)</sup>	136.0 mm	33.00 g	Any	
SHARXS HTI 700 W/D4/75 <sup>3)</sup>	136.0 mm	33.00 g	Any	
SHARXS HTI 1200 W/D7/60 <sup>3)</sup>	136.0 mm	33.00 g	Any	
SharXS 1200W Brilliant <sup>3)</sup>	136.0 mm	33.00 g	Any	
SHARXS HTI 1200 W/D7/75 <sup>2)</sup>	136.0 mm	33.00 g	Any	Forced <sup>5)</sup>
SHARXS HTI 1500 W/D7/60 <sup>4)</sup>	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 <sup>6)</sup>	450 °C	3000 hr	4008321129161
Baby SharXS HTI 300 W/D5/57	450 °C <sup>6)</sup>	450 °C	3000 hr	4008321129185
Baby SharXS HTI 300 W/D5/65	450 °C <sup>6)</sup>	450 °C	750 hr	4008321129208
Baby SharXS HTI 575 W/D5/56	450 °C <sup>6)</sup>	450 °C	500 hr	4008321129345
SHARXS HTI 400 W/D3/75 <sup>1)</sup>	450 °C	450 °C	1000 hr	4008321285157
SHARXS HTI 700 W/D4/60 <sup>2)</sup>	450 °C <sup>6)</sup>	450 °C	750 hr	4008321285218
SHARXS HTI 700 W/D4/75 <sup>3)</sup>		450 °C	750 hr	4008321285232
SHARXS HTI 1200 W/D7/60 <sup>3)</sup>		450 °C	750 hr	4008321285256
SharXS 1200W Brilliant <sup>3)</sup>		450 °C	750 hr	4052899562622
SHARXS HTI 1200 W/D7/75 <sup>2)</sup>	450 °C <sup>6)</sup>	450 °C	750 hr	4008321285270
SHARXS HTI 1500 W/D7/60 <sup>4)</sup>		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 <sup>1)</sup>	No declarable substances contained	No declarable substances contained
SHARXS HTI 700 W/D4/60 <sup>2)</sup>	No declarable substances contained	No declarable substances contained
SHARXS HTI 700 W/D4/75 <sup>3)</sup>	No declarable substances contained	No declarable substances contained
SHARXS HTI 1200 W/D7/60 <sup>3)</sup>	No declarable substances contained	No declarable substances contained
SharXS 1200W Brilliant <sup>3)</sup>	No declarable substances contained	No declarable substances contained
SHARXS HTI 1200 W/D7/75 <sup>2)</sup>	No declarable substances contained	No declarable substances contained
SHARXS HTI 1500 W/D7/60 <sup>4)</sup>	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

<sup>1)</sup> Also available as an OEM package with 30 units without knurled nuts

<sup>2)</sup> XS = eXtreme Seal (maximum permissible foil temperature 450 °C)

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

<sup>4)</sup> May be operated from 1,200...1,500 W

<sup>5)</sup> Fan

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

## Product family datasheet

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### 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.

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### Application advice

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

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### Disclaimer

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