

## 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

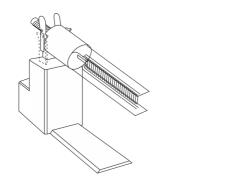
- Concert Lighting
- Club & Disco
- Stage & Theatre
- Studio, TV, & Film
- Architecture & Architainment

#### 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







SharXS HTI

## Technical data

	General Product Information					
Product description	Global order Product number Product name Family brand reference (Americas) (Americas)					
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	42 SHARXS HTI 700W/D4/75 10/CS 1/SKU			
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		

	Electrical Data		
Lamp type	Nominal wattage	Nominal voltage	Nominal current
	250 W	95.0 V	3.3 A
DOUBLE ENDED	300 W	75.0 V	4.3 A
DOUBLE ENDED	300 W	95.0 V	3.6 A
	575 W	93.0 V	7.2 A
	400 W	50.0 V	8.5 A
	700 W	70.0 V	11 A
	700 W	70.0 V	10 A
	DOUBLE ENDED	Lamp type  250 W  DOUBLE ENDED  300 W  DOUBLE ENDED  300 W  575 W  400 W  700 W	Lamp type         Nominal wattage         Nominal voltage           250 W         95.0 V           DOUBLE ENDED         300 W         75.0 V           DOUBLE ENDED         300 W         95.0 V           575 W         93.0 V           400 W         50.0 V           700 W         70.0 V

		Electrical Data		
Product description	Lamp type	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 <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

	Photometric Data	Physical Attributes & Dimensions		
Product description	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 3)	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 3)	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

			Operating Conditio	ns
Product description	Length	Product weight	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	
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			Lifetime Data	Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)
Product description	Max. permitted ambient temp. pinch point	Maximum permitted pinch temperat ure	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 3)		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

Declaration no. in SCIP database	Candidate list substance 1
No declarable	No declarable
substances contained	substances contained
No declarable	No declarable
substances contained	substances contained
No declarable	No declarable
substances contained	substances contained
No declarable	No declarable
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No declarable	No declarable
substances contained	substances contained
No declarable	No declarable
substances contained	substances contained
No declarable	No declarable
substances contained	substances contained
In work	
	SCIP database  No declarable substances contained  No declarable substances contained

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>  $\chi$ S = 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> Far

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

#### 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.