

SharXS HTI



Areas of application

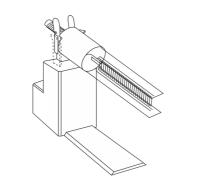
- Concert Lighting
- Club & Disco
- Stage & Theatre
- Studio, TV, & Film
- Architecture & Architainment

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
- Pre-focus base for accurate lamp installation



May 15, 2025, 04:18:21 SharXS HTI



SharXS HTI

Technical data

	General Product Information				
Product description	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	
		Electrical Data			
Product description	Lamp type	Nominal wattage	Nominal voltage	Nominal current	
Baby SharXS HTI 250 W/D5/80		250 W	95 V	3.3 A	
Baby SharXS HTI 300 W/D5/57	DOUBLE ENDED	300 W	75 V	4.3 A	
Baby SharXS HTI 300 W/D5/65	DOUBLE ENDED	300 W	95 V	3.6 A	
Baby SharXS HTI 575 W/D5/56		575 W	93 V	7.2 A	
SHARXS HTI 400 W/D3/75 ¹⁾		400 W	50 V	8.5 A	
SHARXS HTI 700 W/D4/60 ²⁾		700 W	70 V	11 A	
SHARXS HTI 700 W/D4/75 3)		700 W	70 V	10 A	

		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 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

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

				Operating Conditions
Product description	Diameter (in)	Length	Product weight	Burning position
Baby SharXS HTI 250 W/D5/80	0.630 in	93.0 mm	26.00 g	Any
Baby SharXS HTI 300 W/D5/57	0.630 in	93.0 mm	25.00 g	Any
Baby SharXS HTI 300 W/D5/65	0.630 in	93.0 mm	26.00 g	Any
Baby SharXS HTI 575 W/D5/56	1.024 in	93.0 mm	26.00 g	Any
SHARXS HTI 400 W/D3/75 ¹⁾	0.709 in	136.0 mm	30.00 g	Any
SHARXS HTI 700 W/D4/60 2)	0.709 in	136.0 mm	33.00 g	Any
SHARXS HTI 700 W/D4/75 3)	0.709 in	136.0 mm	33.00 g	Any
SHARXS HTI 1200 W/D7/60 3)	0.866 in	136.0 mm	33.00 g	Any
SharXS 1200W Brilliant ³⁾	0.866 in	136.0 mm	33.00 g	Any
SHARXS HTI 1200 W/D7/75 ²⁾	0.866 in	136.0 mm	33.00 g	Any
SHARXS HTI 1500 W/D7/60 4)	0.984 in	136.0 mm	35.00 g	Any
Maxi SharXS HTI 1800 W		220.0 mm	104.00 g	Any
Maxi SharXS HTI 2000 W	1.102 in	220.0 mm	104.00 g	Any

				Lifetime Data
Product description	Cooling	Max. permitted ambient temp. pinch point	Maximum permitted pinch temperat ure	Nominal lifetime
Baby SharXS HTI 250 W/D5/80	Forced ⁵⁾	450 °C ⁶⁾	450 °C	3000 hr
Baby SharXS HTI 300 W/D5/57	Forced ⁵⁾	450 °C ⁶⁾	450 °C	3000 hr
Baby SharXS HTI 300 W/D5/65	Forced ⁵⁾	450 °C ⁶⁾	450 °C	750 hr
Baby SharXS HTI 575 W/D5/56	Forced ⁵⁾	450 °C ⁶⁾	450 °C	500 hr
SHARXS HTI 400 W/D3/75 ¹⁾		450 °C	450 °C	1000 hr
SHARXS HTI 700 W/D4/60 2)		450 °C ⁶⁾	450 °C	750 hr
SHARXS HTI 700 W/D4/75 3)			450 °C	750 hr
SHARXS HTI 1200 W/D7/60 3)			450 °C	750 hr
SharXS 1200W Brilliant ³⁾	·		450 °C	750 hr
SHARXS HTI 1200 W/D7/75 2)	Forced ⁵⁾	450 °C ⁶⁾	450 °C	750 hr
SHARXS HTI 1500 W/D7/60 4)			450 °C	750 hr
Maxi SharXS HTI 1800 W			450 °C	750 hr
Maxi SharXS HTI 2000 W			450 °C	750 hr
		ng Art. 33 of EU Regulation	(LC) 1707720	00
Product description	(REACh) Primary article	Declaration no. in	Candidate l	
Product description	(REACh)		•••	ist
Product description Baby SharXS HTI 250 W/D5/80	(REACh) Primary article	Declaration no. in	Candidate l	ist L
·	(REACh) Primary article identifier	Declaration no. in SCIP database No declarable	Candidate I substance 1	ist L Dle contained Dle
Baby SharXS HTI 250 W/D5/80	(REACh) Primary article identifier 4008321129161	Declaration no. in SCIP database No declarable substances contained No declarable	Candidate I substance 1 No declarat substances No declarat	ist L Dle contained Dle contained Dle
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Baby SharXS HTI 250 W/D5/80 Baby SharXS HTI 300 W/D5/57 Baby SharXS HTI 300 W/D5/65 Baby SharXS HTI 575 W/D5/56 SHARXS HTI 400 W/D3/75 ¹⁾ SHARXS HTI 700 W/D4/60 ²⁾ SHARXS HTI 700 W/D4/75 ³⁾	(REACh) Primary article identifier 4008321129161 4008321129185 4008321129208 4008321129345 4008321129345 4008321285157 4008321285218 4008321285232	Declaration no. in SCIP database No declarable substances contained	Candidate I substance 1 No declarat substances No declarat substances No declarat substances No declarat substances No declarat substances No declarat substances No declarat substances No declarat	ist L Dele contained Dele

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SHARXS HTI 1500 W/D7/60 4)

Maxi SharXS HTI 1800 W

Maxi SharXS HTI 2000 W

- $^{1)}\,\mathrm{Also}$ 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 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.