

SharXS HTI

Metal halide lamps, double-ended



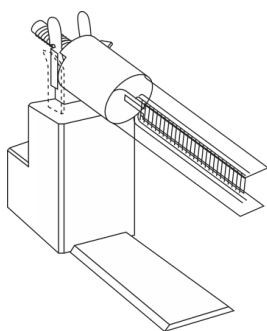
Areas of application

- Concert and effect lighting

Product family features

- High efficiency thanks to short-arc technology
- High thermal load capacity thanks to eXtreme Seal (XS) technology - enables high pinch temperatures of up to 450 °C
- Hot restart capability
- Compact modular design - the same dimensions for all wattages within each SharXS family
- Pre-focus base for accurate lamp installation





46860_SharXS HTI

Product family datasheet

Technical data

Product description	Electrical data			Photometrical data		
	Nominal voltage	Ignition voltage	Nominal current	Nominal luminous flux	Luminance	Color temperature
SHARXS HTI 400 W/D3/75 ¹⁾	50.0 V	3.0 / 25 kVp ⁵⁾	85 A	26000 lm	55000 cd/cm ²	7500 K
SHARXS HTI 700 W/D4/60 ²⁾	70.0 V	3.0 / 25 kVp ⁵⁾	1100 A	59000 lm	60000 cd/cm ²	6000 K
SHARXS HTI 700 W/D4/75 ³⁾	70.0 V	3.0 / 25 kVp ⁵⁾	10 A	59000 lm	60000 cd/cm ²	7500 K
SHARXS HTI 1200 W/D7/60 ³⁾	96.6 V	5.0 / 35 kVp	12.4 A	110000 lm	41000 cd/cm ²	6900 K
SHARXS HTI 1200 W/D7/75 ²⁾	95.3 V	5.0 / 35 kVp	12.6 A	91000 lm	41000 cd/cm ²	8800 K
SHARXS HTI 1500 W/D7/60 ⁴⁾	110 V	5.0 / 35 kVp	136 A	145000 lm	42000 cd/cm ²	6000 K

Product description	Color rendering index Ra	Luminous efficacy	Dimensions & weight			Temperatures & operating conditions	Lifespan
			Diameter	Length	Light center length (LCL)	Max. permitted pinch temp.	Lifespan
SHARXS HTI 400 W/D3/75 ¹⁾	80		18.0 mm	136.0 mm	57.5 mm	450 °C	750 h
SHARXS HTI 700 W/D4/60 ²⁾	>80	85 lm/W	18.0 mm	136.0 mm	57.5 mm	450 °C	750 h
SHARXS HTI 700 W/D4/75 ³⁾	>80		21.0 mm	136.0 mm	57.5 mm	450 °C	750 h
SHARXS HTI 1200 W/D7/60 ³⁾	85		21.0 mm	136.0 mm	57.5 mm	450 °C	750 h
SHARXS HTI 1200 W/D7/75 ²⁾	80	90 lm/W	21.0 mm	136.0 mm	57.5 mm	450 °C	750 h
SHARXS HTI 1500 W/D7/60 ⁴⁾	>80		24.5 mm	136.0 mm	57.5 mm	450 °C	750 h

Product description	Additional product data	Capabilities	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
	Base (standard designation)	Burning position	Date of Declaration	Primary Article Identifier
SHARXS HTI 400 W/D3/75 ¹⁾	SFc10-4	Any	05-03-2024	4008321911353 4008321285157
SHARXS HTI 700 W/D4/60 ²⁾	SFc10-4	Any	05-03-2024	4008321285218
SHARXS HTI 700 W/D4/75 ³⁾	SFc10-4	Any	05-03-2024	4008321285232
SHARXS HTI 1200 W/D7/60 ³⁾	SFc10-4	Any	05-03-2024	4050300854663 4008321285256
SHARXS HTI 1200 W/D7/75 ²⁾	SFc10-4	Any	05-03-2024	4008321285270
SHARXS HTI 1500 W/D7/60 ⁴⁾	SFc10-4	Any	05-03-2024	4008321285294 4008321349569

Product family datasheet

Product description	Candidate List Substance 1	Declaration No. in SCIP database
SHARXS HTI 400 W/D3/75 ¹⁾	No declarable substances contained	In work
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	In work
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	In work

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⁾ Cold

Product family datasheet

Safety advice

Because of their high luminance, UV radiation and high internal pressure during operation, SharXS 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.