

SharXS HTI

Metal halide lamps, double-ended



Areas of application

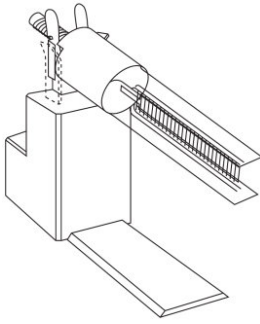
- Concert and effect lighting

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



Product family datasheet



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⁾	8 A	26000 lm	55000 cd/cm ²	7500 K
SHARXS HTI 700 W/D4/60 ²⁾	70.0 V	3.0 / 25 kVp ⁵⁾	11.0 A	59000 lm	60000 cd/cm ²	6000 K
SHARXS HTI 700 W/D4/75 ³⁾	70.0 V	3.0 / 25 kVp ⁵⁾	10.0 A	59000 lm	60000 cd/cm ²	7500 K
SHARXS HTI 1200 W/D7/60 ³⁾	95.0 V	5.0 / 35 kVp	12.7 A	110000 lm	41000 cd/cm ²	6000 K
SHARXS HTI 1200 W/D7/75 ²⁾	95.0 V	5.0 / 35 kVp	12.7 A	110000 lm	41000 cd/cm ²	7500 K
SHARXS HTI 1500 W/D7/60 ⁴⁾	110 V	5.0 / 35 kVp	13.6 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	135.0 mm	57.5 mm	450 °C	750 h
SHARXS HTI 700 W/D4/60 ²⁾	>80	85 lm/W	18.0 mm	135.0 mm	57.5 mm	450 °C	750 h
SHARXS HTI 700 W/D4/75 ³⁾	>80		21.0 mm	135.0 mm	57.5 mm	450 °C	750 h
SHARXS HTI 1200 W/D7/60 ³⁾	90		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	135.0 mm	57.5 mm	450 °C	750 h
SHARXS HTI 1500 W/D7/60 ⁴⁾	>80		24.5 mm	135.0 mm	57.5 mm	450 °C	750 h

Product description	Additional product data	Capabilities	Certificates & standards
	Base (standard designation)	Burning position	EEI – Energy Label
SHARXS HTI 400 W/D3/75 ¹⁾	SFc10-4	Any	B
SHARXS HTI 700 W/D4/60 ²⁾	SFc10-4	Any	B
SHARXS HTI 700 W/D4/75 ³⁾	SFc10-4	Any	B
SHARXS HTI 1200 W/D7/60 ³⁾	SFc10-4	Any	B
SHARXS HTI 1200 W/D7/75 ²⁾	SFc10-4	Any	B
SHARXS HTI 1500 W/D7/60 ⁴⁾	SFc10-4	Any	B

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.