

SharXS Brilliant

Metal halide lamps, double-ended



Areas of application

- Concert and effect lighting

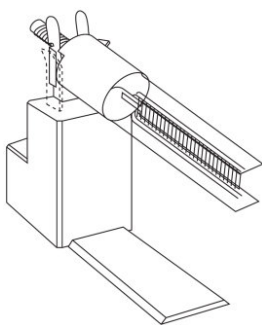
Product family benefits

- Natural tone of light with CRI as high as 90
- Modular design with overall length of 135 mm

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 wattage	Nominal voltage	Ignition voltage	Nominal current	Lamp current	Nominal luminous flux	Luminance
SharXS 1200W Brilliant ¹⁾	120000 W	900 V	5.0 / 35 kVp	133 A	133 A	110000 lm	41000 cd/cm ²
SharXS 1500W Brilliant ²⁾	1500.00 W	110 V	5.0 / 35 kVp	136 A	13.6 A	132000 lm	42000 cd/cm ²

Product description	Color temperature	Color rendering index Ra	Dimensions & weight			Temperatures & operating conditions
			Diameter	Length	Light center length (LCL)	Max. permitted pinch temp.
SharXS 1200W Brilliant ¹⁾	6100 K	94	210 mm	1360 mm	57.5 mm	450 °C
SharXS 1500W Brilliant ²⁾	6200 K	93	24.5 mm	136.0 mm	57.5 mm	450 °C

Product description	Lifespan	Additional product data	Capabilities	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
	Lifespan	Base (standard designation)	Burning position	Date of Declaration	Primary Article Identifier
SharXS 1200W Brilliant ¹⁾	750 h	SFc10-4	Any	06-03-2024	4052899562622
SharXS 1500W Brilliant ²⁾	750 h	SFc10-4	Any	06-03-2024	4052899561793 4062172060936

Product description	Candidate List Substance 1	Declaration No. in SCIP database
SharXS 1200W Brilliant ¹⁾	No declarable substances contained	No declarable substances contained
SharXS 1500W Brilliant ²⁾	No declarable substances contained	In work

¹⁾ Also available as an OEM package with 30 units without knurled nuts/XS = eXtreme Seal (maximum permissible foil temperature 450 °C)

²⁾ May be operated from 1,200...1,500 W

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.