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

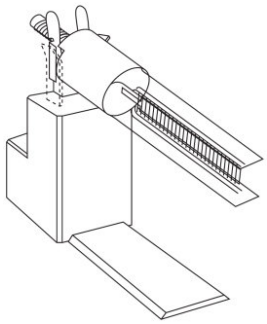
- High efficiency thanks to short-arc technology
- High thermal load capacity thanks to eXtreme Seal (XS) technology - enables high pinch temperatures of up to 450 °C
- Hot restart capability
- Compact modular design - the same dimensions for all wattages within each SharXS family
- Pre-focus base for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







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Product family datasheet

Technical data

	Electrical data					Photometrical data	
Product description	**Nominal wattage**	**Nominal voltage**	**Ignition voltage**	**Nominal current**	**Lamp current**	**Nominal luminous flux**	**Luminance**
SharXS 1200W Brilliant [1]	1200.00 W	90.0 V	5.0 / 35 kVp	13.3 A	13.3 A	110000 lm	41000 cd/cm²
SharXS 1500W Brilliant [2]	1500.00 W	110 V	5.0 / 35 kVp	13.6 A	13.6 A	132000 lm	42000 cd/cm²

			Dimensions & weight			Temperatures & operating conditions
Product description	**Color temper- ature**	**Color render- ing index Ra**	**Diameter**	**Length**	**Light center length (LCL)**	**Max. permit- ted pinch temp.**
SharXS 1200W Brilliant [1]	6100 K	94	21.0 mm	136.0 mm	57.5 mm	450 °C
SharXS 1500W Brilliant [2]	6200 K	93	24.5 mm	136.0 mm	57.5 mm	450 °C

	Lifespan	Additional product data	Capabilities	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Product description	**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

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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.

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