Product datasheet

SharXS 1200W Brilliant

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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Technical data

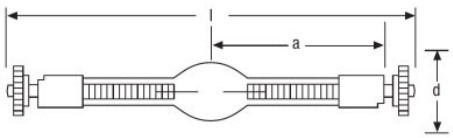
Electrical data

Nominal wattage	1200.00 W
Nominal voltage	90.0 V
Ignition voltage	5.0 / 35 kVp
Nominal current	13.3 A
Lamp current	13.3 A

Photometrical data

Nominal luminous flux	110000 lm
Luminance	41000 cd/cm²
Color temperature	6100 K
Color rendering index Ra	94

Dimensions & weight



Diameter	21.0 mm
Length	136.0 mm
Light center length (LCL)	57.5 mm

Temperatures & operating conditions

Maximum permitted pinch temperature	450 °C

Lifespan

Lifespan	750 h

Additional product data

Base (standard designation)	SFc10-4

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

Capabilities

Burning position	Any

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Date of Declaration	06-03-2024
Primary Article Identifier	4052899562622
Candidate List Substance 1	No declarable substances contained
Declaration No. in SCIP database	No declarable substances contained

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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.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899562622	SharXS 1200W Brilliant	Shipping carton box 1	182 mm x 87 mm x 58 mm	0.92 dm^3	97.00 g
4062172069274	SharXS 1200W Brilliant	Shipping carton box 10	312 mm x 186 mm x 194 mm	11.26 dm^3	1120.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

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