

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



Product datasheet

Technical data

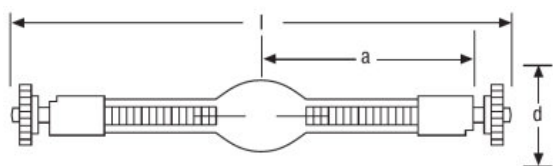
Electrical data

| | |
|------------------|--------------|
| Nominal wattage | 1200.00 W |
| Nominal voltage | 95.0 V |
| Ignition voltage | 5.0 / 35 kVp |
| Nominal current | 12.7 A |
| Lamp current | 12.7 A |

Photometrical data

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|--------------------------|--------------------------|
| Nominal luminous flux | 105000 lm |
| Luminance | 41000 cd/cm ² |
| Color temperature | 6100 K |
| Color rendering index Ra | 94 |

Dimensions & weight



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

Temperatures & operating conditions

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|-------------------------------------|--------|
| Maximum permitted pinch temperature | 450 °C |
|-------------------------------------|--------|

Lifespan

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|----------|-------|
| Lifespan | 750 h |
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Additional product data

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|-----------------------------|---------|
| Base (standard designation) | SFc10-4 |
|-----------------------------|---------|

Product datasheet

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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

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| Burning position | Any |
|-------------------------|-----|

Certificates & standards

| | |
|---------------------------|---|
| EEI – Energy Label | B |
|---------------------------|---|

Product 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.

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 | 480.00 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.
