

## XSTAGE Xenon Short-arc Lamps



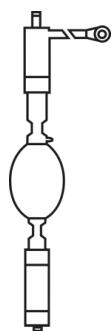
### Areas of application

- Spotlights
- Searchlights
- Solar Simulation

### Product features and benefits

- High luminance with rugged, compact design for spotlight applications
- Color temperature approximately 6000 K - simulates daylight
- Continuous spectrum in the visible range
- High arc stability
- High arc stability
- Dimmable in a wide range
- Hot restart





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Xstage XENON SHORT ARC LAMPS for  
ENTERTAINMENT

Product family datasheet

Technical data

| General Product Information       |                           |                             |                   |  |
|-----------------------------------|---------------------------|-----------------------------|-------------------|--|
| Product description               | Product number (Americas) | Product name (Americas)     | Family brand      | Lamp type  |
| Xstage 4000 W OFR                 | 69484                     | XSTAGE 4000W OFR 1/CS 1/SKU | XBO               | XENON  |
| Xstage 7000 W OFR                 | 69485                     | XSTAGE 7000W OFR 1/CS 1/SKU | XBO               |  |
| Electrical Data                   |                           |                             |                   |  |
| Product description               | Global order reference    | Nominal wattage             | Nominal voltage   | Current control range  |
| Xstage 4000 W OFR                 | Xstage 4000 W OFR         | 4000 W                      | 30 V              | 80...135 A   |
| Xstage 7000 W OFR                 | Xstage 7000 W OFR         | 7000 W                      | 40 V              | 110...165 A  |
| Photometric Data                  |                           |                             |                   |  |
| Product description               | Luminance                 | Nominal luminous flux       | Color temperature | Color rendering index Ra   |
| Xstage 4000 W OFR                 | 120000 cd/cm <sup>2</sup> | 150000 lm                   | 6000 K            | 98   |
| Xstage 7000 W OFR                 | 120000 cd/cm <sup>2</sup> | 330000 lm                   | 6000 K            | 98   |
| Physical Attributes & Dimensions  |                           |                             |                   |  |
| Product description               | Light center length (LCL) | Base (anode)                | Base (cathode)    | Diameter (in)  |
| Xstage 4000 W OFR                 | 120.0 mm                  | SFaX27-9.5                  | SFc28-27          | 2.362 in   |
| Xstage 7000 W OFR                 | 162.5 mm                  | SFaX27-9.5                  | SFc28-27          | 2.756 in   |
| Mechanical Data                   |                           |                             |                   |  |
| Product description               | Diameter                  | Diameter                    | Length            | Connector: presence  |
| Xstage 4000 W OFR                 | 60.0 mm                   | 60.0 mm                     | 315.0 mm          | Yes  |
| Xstage 7000 W OFR                 | 70.0 mm                   | 70.0 mm                     | 400.0 mm          | Yes  |
| Operating Conditions & Compliance |                           |                             |                   |  |
|                                   |                           | Operating Conditions        | Lifetime Data     | Environmental & Regulatory Information according Art. 33 of EU Regulation (EC) 1907/2006 (REaCh) |
| Product description               | Product weight            | Burning position            | Nominal lifetime  | Primary article identifier   |
| Xstage 4000 W OFR                 | 666.00 g                  | Any                         | 650 hr            | 4008321288844  |
| Xstage 7000 W OFR                 | 863.00 g                  | Any                         | 650 hr            | 4008321577726   4008321288851  |

Product family datasheet

| Product description | Declaration no. in SCIP database   | Candidate list substance 1         |
|---------------------|------------------------------------|------------------------------------|
| Xstage 4000 W OFR   | No declarable substances contained | No declarable substances contained |
| Xstage 7000 W OFR   | No declarable substances contained | No declarable substances contained |

## Product family datasheet

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### Safety advice

Because of their high luminance, UV radiation and high internal pressure in both the hot and cold state, Xstage lamps must only be operated in enclosed lamp casings specially constructed for the purpose. Always use the supplied protective jackets when handling these lamps. They may only be used as open lamps if appropriate safety measures are taken. More information is available on request or can be found in the leaflet included with the lamp or the operating instructions.

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### Application advice

For more detailed application information and graphics please see product datasheet.

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### Disclaimer

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