

XSTAGE Xenon Short-arc Lamps

XBO xenon short arc lamps designed for use in search lights and spotlights



Areas of application

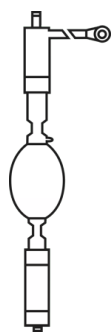
- Spotlights
- Searchlights
- Solar Simulation

Product features and benefits

- High luminance (point source) with rugged design for spotlight applications
- Color temperature approximately 6000K - simulates daylight
- Continuous spectrum in the visible range
- High color rendering > 95
- High arc stability
- DC operation
- Hot restart



Product family datasheet



Xstage XENON SHORT ARC LAMPS for
ENTERTAINMENT

Product family datasheet

Technical data

| Product description | General Product Information | | | |
|---------------------|-----------------------------|--------------------------------|--------------|-----------|
| | 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 | |

| Product description | Global order reference | Electrical Data | | |
|---------------------|------------------------|-----------------|-----------------|-----------------------|
| | | Nominal wattage | Nominal voltage | Current control range |
| Xstage 4000 W OFR | Xstage 4000 W OFR | 4000 W | 30.0 V | 80...135 A |
| Xstage 7000 W OFR | Xstage 7000 W OFR | 7000 W | 40.0 V | 110...165 A |

| Product description | Photometric Data | | | |
|---------------------|---------------------------|-----------------------|-------------------|--------------------------|
| | Luminance | Nominal luminous flux | Color temperature | Color rendering index Ra |
| Xstage 4000 W OFR | 120000 cd/cm ² | 150000 lm | 6000 K | 98 |
| Xstage 7000 W OFR | 120000 cd/cm ² | 330000 lm | 6000 K | 98 |

| Product description | Light center length (LCL) | Physical Attributes & Dimensions | | |
|---------------------|---------------------------|----------------------------------|----------------|---------------|
| | | 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 |

| Product description | Diameter | Length | Connector: presence | Product weight |
|---------------------|----------|----------|---------------------|----------------|
| Xstage 4000 W OFR | 60.0 mm | 315.0 mm | Yes | 666.00 g |
| Xstage 7000 W OFR | 70.0 mm | 400.0 mm | Yes | 863.00 g |

| Product description | Operating Conditions | Lifetime Data | Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) | |
|---------------------|----------------------|------------------|--|------------------------------------|
| | Burning position | Nominal lifetime | Primary article identifier | Declaration no. in SCIP database |
| Xstage 4000 W OFR | Any | 650 hr | 4008321288844 | No declarable substances contained |
| Xstage 7000 W OFR | Any | 650 hr | 4008321577726 4008321288851 | No declarable substances contained |

| Product description | Candidate list substance 1 |
|---------------------|------------------------------------|
| Xstage 4000 W OFR | No declarable substances contained |

Product family datasheet

| Product description | Candidate list substance 1 |
|---------------------|---------------------------------------|
| Xstage 7000 W OFR | No declarable substances contained |

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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.

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.