

XBO Traditional & Xtreme Life (XL) Lamps

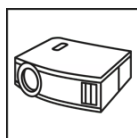


Areas of application

- Film Projection
- Spotlights
- Searchlights
- Solar-Simulation

Product features and benefits

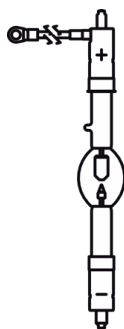
- High luminance for brighter screen illumination
- Consistent performance with constant 6000 K color temperature
- Continuous spectrum in the visible range
- High arc stability
- High arc stability
- Dimmable over a wide range
- Hot restart
- Long lamp life with eXtreme Life technology
- Spectrum suitable for solar simulation applications



Product family datasheet



XBO XENON SHORT ARC LAMP - 3000WHTP CL



XBO XENON SHORT ARC LAMP - 2000 WH XL



XBO XENON SHORT ARC LAMPS

Product family datasheet

Technical data

| Product description | Electrical Data | | Lifetime Data |
|-----------------------------------|-----------------|-----------------------|----------------|
| | Nominal wattage | Current control range | Warranty hours |
| XBO 1000 W/HS OFR ¹⁾ | 1000 W | 30...55 A | 2000 hrs |
| XBO 1000 W/HSC OFR ²⁾ | 1000 W | 30...55 A | 2000 hrs |
| XBO 1000 W/HTP OFR ³⁾ | 1000 W | 30...55 A | 2400 hrs |
| XBO 2000 W/HS OFR ⁴⁾ | 2000 W | 50...85 A | 2400 hrs |
| XBO 1600 W XL OFR | 1600 W | 45...75 A | 3500 hrs |
| XBO 1600 W/HSC XL OFR | 1600 W | 50...70 A | 2500 hrs |
| XBO 2000 W/SHSC OFR ⁵⁾ | 2000 W | 50...85 A | 2000 hrs |
| XBO 2000 W/H XL OFR | 2000 W | 50...85 A | 3500 hrs |
| XBO 2000 W/HTP XL OFR | 2000 W | 50...85 A | 3500 hrs |
| XBO 2500 W/HS XL OFR | 2500 W | 70...100 A | 2200 hrs |
| XBO 3000 W/H XL OFR | 3000 W | 70...110 A | 2200 hrs |
| XBO 3000 W/HS XL OFR | 3000 W | 70...110 A | 2200 hrs |
| XBO 3000 W/HTP XL OFR | 3000 W | 70...110 A | 2200 hrs |
| XBO 4000 W/HSA OFR | 4000 W | 80...150 A | 1000 hrs |
| XBO 4000 W/HS XL OFR | 4000 W | 80...150 A | 1500 hrs |
| XBO 4000 W/HTP XL OFR | 4000 W | 100...140 A | 1500 hrs |
| XBO 4500 W/HS XL OFR | 4500 W | 80...150 A | 1400 hrs |
| XBO 5000 W/H XL OFR | 5000 W | 100...150 A | 1200 hrs |
| XBO 6000 W/HS XL OFR | 6000 W | 110...165 A | 750 hrs |
| XBO 7000 W/HS XL OFR | 7000 W | 110...165 A | 650 hrs |
| XBO 10000 W/HS OFR ¹⁾ | 10000 W | 160...200 A | 500 hrs |

¹⁾ OFR = Ozone-free version/H = Suitable for horizontal burning position/S = Short

²⁾ OFR = Ozone-free version/H = Suitable for horizontal burning position/S = Short/C= Base with cable

³⁾ OFR = Ozone-free version/H = Suitable for horizontal burning position/TP = Cable with threaded pins

⁴⁾ H = Suitable for horizontal burning position/S = Short

⁵⁾ OFR = Ozone-free version. SHSC = Extra short version for horizontal burning position, anode connection via cable (super short). Similar dimensions to XBO 1600 A/HSC OFR

Product family datasheet

Safety advice

Because of their high luminance, UV radiation and internal pressure in both the hot and cold state, XBO lamps may only be operated in enclosed lamp casings specially constructed for the purpose. Xenon lamps are highly explosive. When hot, xenon lamps can cause burn marks. They should only be handled when the lamp is at room temperature. Always use the protective jackets supplied when handling these lamps. When packing the lamps and when installing or removing the lamps without their protective jackets, always wear protective clothing (face shield with neck protector, protective jacket and lint-free, cut-resistant gloves). For more information see the relevant in-pack leaflets and 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.