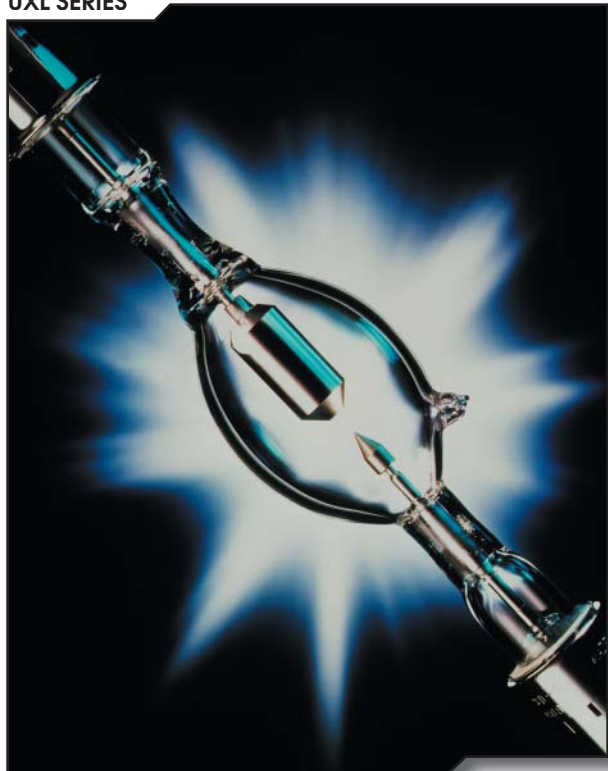


# USHIO

## XENON SHORT ARC LAMPS

### UXL SERIES



### FOR STRONG FOLLOWSPOTS

#### UXL-20FS • UXL-2000FS • UXL-3000FS

These three new xenon lamps from USHIO are specifically designed and approved for use in STRONG high performance followspots. During manufacturing, the quartz tip-off position was moved to the cathode side of the lamp to allow easier installation and a more precise fit into the reflector. The cable on the UXL-3000FS has been lengthened to allow ease of lamp positioning during installation.

USHIO's UXL series are high pressure, short-arc xenon discharge lamps. UXL spectral distribution is well balanced in the visible spectrum to resemble daylight. The high gas fill pressure provides high luminance and high luminous efficacy. Fast ignition and a stable arc are what USHIO has achieved with the UXL lamp design.

\*Strong Spotlights, Super Trouper®, Super Trouper II®, and Gladiator III® are trade names owned by Ballantyne of Omaha, Inc.

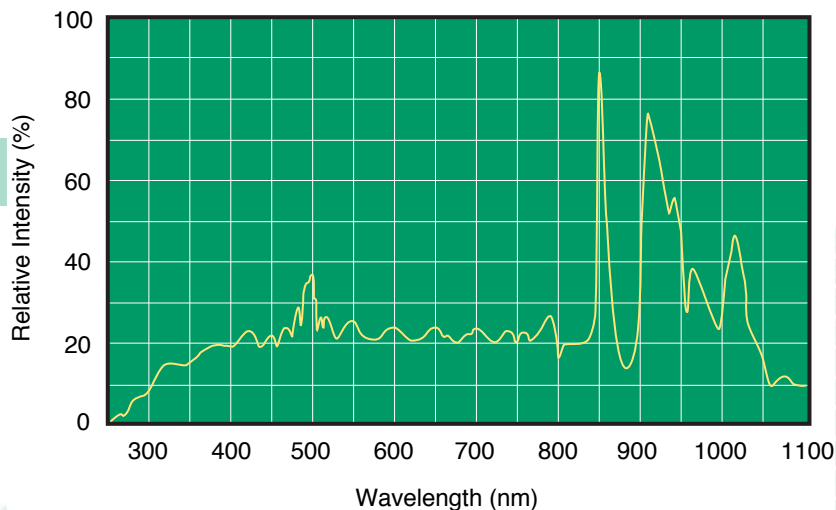
## STRONG FOLLOWSPOTS

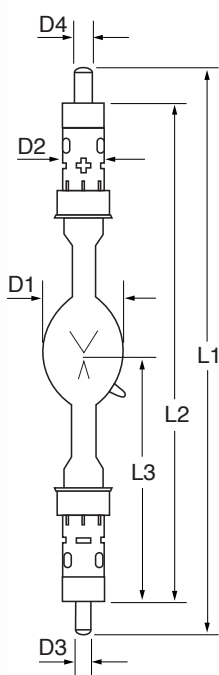
- UXL-2000FS – for Xenon Super Trouper® 83070, 83080
- UXL-20FS – for Super Trouper II® 24000
- UXL-3000FS – for Xenon Gladiator III® 47061

## APPLICATIONS

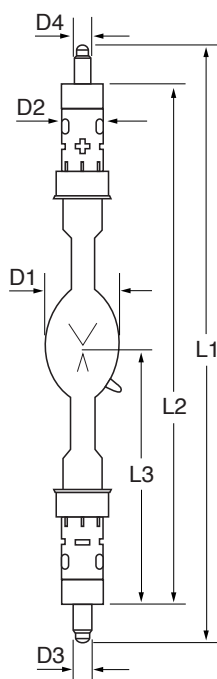
- Concert Touring
- Theatrical Events
- Sports Events
- Special Venues

## XENON SPECTRAL DISTRIBUTION

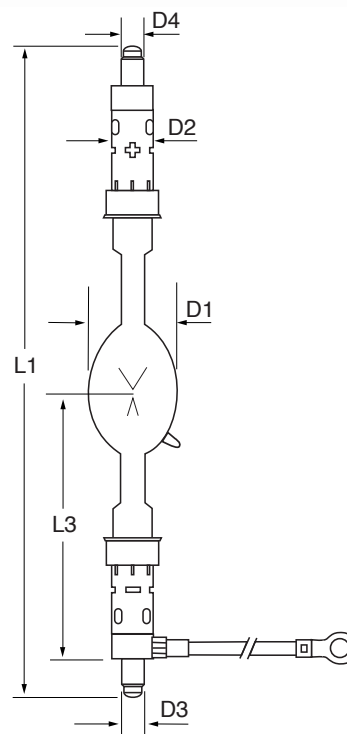




UXL-20FS



UXL-2000FS



UXL-3000FS

| Watts<br><br>(W)                 | Ushio<br>Ordering<br>Code | Ushio<br>Lamp<br>Code | Rated<br>Lamp<br>Current<br>(A) | Operating<br>Current<br>Range<br>(A) | Lamp Voltage<br>at Rated<br>Current<br>(V) | Diameter |      |      |      | Length |      |      |
|----------------------------------|---------------------------|-----------------------|---------------------------------|--------------------------------------|--------------------------------------------|----------|------|------|------|--------|------|------|
|                                  |                           |                       |                                 |                                      |                                            | (D1)     | (D2) | (D3) | (D4) | (L1)   | (L2) | (L3) |
| UXL Series Xenon Short Arc Lamps |                           |                       |                                 |                                      |                                            |          |      |      |      |        |      |      |
| 2000                             | 5001062                   | UXL-20FS              | 80                              | 50~85                                | 25                                         | 60       | 27   | 7.8  | 9.4  | 342    | 302  | 147  |
| 2000                             | 5001063                   | UXL-2000FS            | 70                              | 50~85                                | 29                                         | 55       | 27   | 12   | 10   | 370    | 320  | 145  |
| 3000                             | 5001064                   | UXL-3000FS            | 100                             | 60~100                               | 30                                         | 70       | 27   | 14   | 13   | 428    | —    | 171  |

**Average life:** UXL-20FS & UXL-2000FS – 2000 hours  
UXL-3000FS – 1200 hours

**Arc Gap:** UXL-20FS & UXL-2000FS – 6mm  
UXL-3000FS – 7mm

All dimensions are approximate measurements in millimeters

### Operating Conditions

**Burn Position:**  
Vertical (anode up) or  
Horizontal  $\pm 15^\circ$

**Base surface temperature:**  
200°C Max.

**Cooling:**  
Forced 10-13 m/s

**Current Ripple:**  
10% Max.

These lamps are ozone free

Form No. S-UXL/R-0609  
The specifications on this sheet supercede all previously published specifications and may be subject to change for design and specification improvement without prior notice.

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