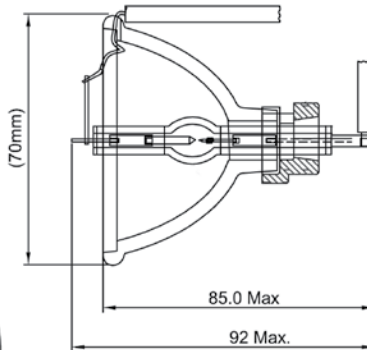
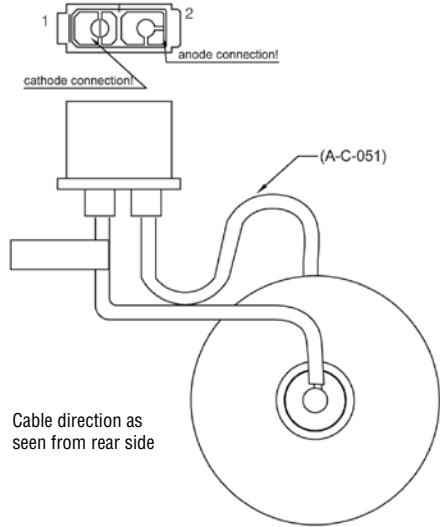


EmArc[®] SMR-100/XEAR

SHORT-ARC XENON LAMPS

A 100 watt short-arc xenon lamp precisely aligned in a special aluminized coated reflector, designed for highly focused output for unique scientific and industrial applications.



Lamp aligned for uniformity output through an 8 x 8mm square light guide at 52mm distance to reflector front surface.

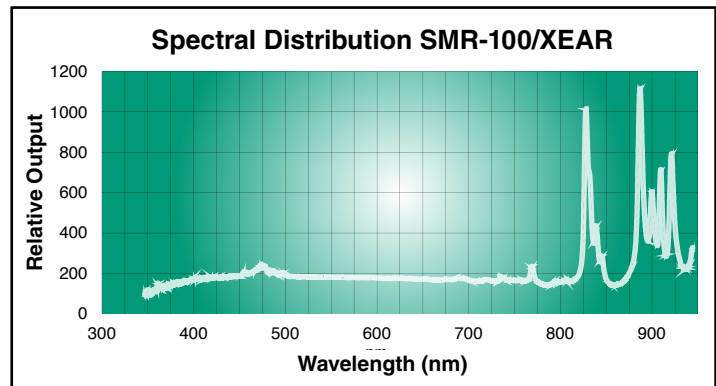


FEATURES & BENEFITS:

- Small 1mm Arc Gap for Precise Control
- 6100K CCT-crisp, White Light
- 70 mm Diameter, Elliptical Reflector, High Throughput for Focused Applications
- Specialized Aluminized Reflector Coating
- Made in U.S.A.

APPLICATIONS:

- Solar Simulation
- Spectrometry
- Material Testing
- Analytical



Made in USA

Data subject to change without notice.

| Watts (W) | Ordering Code | Lamp Description | Lamp Current (A) | Lamp Voltage (V) | Ignition Voltage | Arc Gap (mm) | Nominal Light Output* (lm) | Color Temp (K) | Average Rated Life** (h) |
|-------------------|---------------|------------------|------------------|------------------|------------------|--------------|----------------------------|----------------|--------------------------|
| 100 (+/- 5 watts) | 5002320 | SMR-100/XEAR | 7.1 | 14V DC | 25kV | 1.0 | 750 (Spherical) | 6100 | 750 |

* Through a 4mm aperture at a working distance (WD) of 52mm from the front rim of the reflector

All dimensions are in millimeters.

** Average rated life is based on 50% degradation from the initial nominal light output or 50% failure to operate. (All values dependent on specific system and operating conditions).



Form No. S-EmArc100XEAR/1115

Specifications may be subject to change without prior notice. Refer to www.ushio.com for the most current product specifications.