Vehicle Systems

- Climate chamber designs of permanently mounted or removable variety are available.

- Vertical, angular, wing and other array design features available with user defined target irradiation area.

- Irradiation intensity and zone control with diurnal cycle option. 400W/m² - 1150 W/m² range, EPA standard level 850 ± 45 W/m²

- EYE Solarlux™ brand, metal halide, full spectrum light source contained within reflector lamp housing for enhanced reliability, spectrum and uniformity.

- ASTM/IEC AM 1.5G standard Class CCA performance for spectrum, uniformity and temporal stability.

Applications

- EPA SFTP SC03
- EPA US06
- Material Exposure Testing
- Heating/AC Analysis
- Emissions Testing
- Fit and Finish

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Vehicle Systems

Portable or permanent array designs with movement are available. Fully automated operator interface controls irradiance, lamp zones, and other test variables such as diurnal cycle.

Basic Specifications

- **Solar Lamp**: EYE Solarlux™ 400W reflector arc tube
- **ASTM/IEC/JIS Spectrum Class**: 400W exceeds Class C
- **Uniformity**: Class B or C depending on target area size and customer requirement
- **Irradiation Level**: 400 W/m² - 1200 W/m², diurnal control available
- **Lamp Life**: 3000 hours
- **Target Area**: Customer specified
- **Array Construction**: Turnkey or components options available.
- **Array Design**: Portable for operation within room or climate chamber, or permanently installed within climate chamber.
- **User Interface**: Programmable automated operator interface controls irradiance, lamp zones, time and other test variables.

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