



# APPLIED OPTIX™

## Full Spectrum Solar Simulation



## 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.  $400\text{W/m}^2$  -  $1150\text{W/m}^2$  range, EPA standard level  $850 \pm 45\text{W/m}^2$
- 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

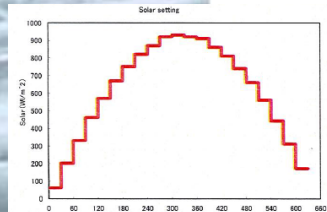
- EPA SFTP SC03
- EPA US06
- Material Exposure Testing
- Heating/AC Analysis
- Emissions Testing
- Fit and Finish



# APPLIED OPTIX™

## Full Spectrum Solar Simulation

### 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
- **Temporal Stability:** electronic ballast, Class A ±2%
- **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.



## EYE LIGHTING INTERNATIONAL

EYE Lighting International of North America, Inc.

a division of Iwasaki Electric of Japan

9150 Hendricks Road  
Mentor, Ohio 44060

Tel: (888) 665-2677  
Fax: (440) 350-7001

[www.eyeppliedoptix.com](http://www.eyeppliedoptix.com)

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