



# APPLIED OPTIX™

## Infrared Solar Simulation



## Infrared 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, target temperature, and zone PID control.
- 5500 W/m<sup>2</sup> at irradiation source. IR-A, IR-B, IR-C light spectrum.
- EYE Solarlux™ brand infrared light source contained within reflector lamp housing for enhanced reliability, spectrum and uniformity.
- System components meet all JIS safety standards and comply with IEC standards.

### Applications

- ASTM E 2264-05
- Emissions Testing
- Solar Heat Load
- VOC Test
- Heating/AC Analysis
- Thermal Expansion Test
- Fit and Finish



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### Infrared Systems



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



#### Basic Specifications

- **Solar Lamp:** EYE Solarlux™ 250W or 375W reflector
- **IR-A, IR-B, IR-C:** Spectrum
- **Zones & Target Temperature:** PID control
- **Dimming:** 0—100%
- **Irradiation Level:** 5500 W/m<sup>2</sup> at irradiation source
- **Lamp Life:** 6000 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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