

# **Specification for Super Solar Simulator for PV Cells**

**Model : WXS-155S-L2+,AM0**

- 1. Lamp** : **Xenon&Halogen**
- 2. Effective irradiated area** : **155 x 155 mm**
- 3. Direction of irradiance** : **Down Shine**
- 4. Irradiance** : **120 - 140 mW/cm<sup>2</sup>**
- 5. Positional non-uniformity of irradiance** : **within +/-2%**
- 6. Temporal instability of irradiance** : **within +/-1%/hr**
- 7. Maximum incident angle of irradiated surface** : **within +/-3degree**
- 8. Spectral coincidence** : **Air Mass 0 approximate**
- 9. Power supply** : **Single-phase,2-wire, AC220V,20A,4.5KVA**
- 10. Occupying space** : **H=1800mm W=2000mm D=1500mm**
- 11. Weight** : **300kg**