### Specifications

- **Input power**: AC100V~120V/ AC200V~240V (Switchable)
  - Single Phase 50/60Hz
- **Power Consumption**: 720W Max
- **Output current**: DC18A ~ 33A
- **Xe lamp**: 700W Short-arc Xe lamp
- **Average Lamp life**: 1500 hours *1
- **Illumination Area**: 160 mm square (Effective Illumination area)
- **Irradiance**: 800~1300W/m² (AM 1.5G, in effective area)
- **Spectral Coincidence**: 400~1100 nm (JIS C 8912), 350~750 nm (JIS C8933)
- **Uniformity**: ±3% (Within Effective Area)
- **Long-term stability**: 1%/h Max. (after 30 min turn of the lamp)
- **Short-term stability**: ±2% (after 30 min turn of the lamp)
- **Incident light angle**: < 15° (within Effective Area)
- **Spread angle**: < 15° (within Effective Area)
- **Illumination distance**: 390 ± 10 mm
- **Controller**: Touch panel controller
- **Illumination shielding**: Motor or air movement (air movement is option)
- **Stabilizing irradiance**: High-speed analog feedback circuit
- **Lamp alignment**: XYZ table
- **Temperature in use**: 5~35°C (RT)
- **Humidity in use**: 20~85% (RH, no condensation)
- **Vibration**: No recommend because it is optical equipment
- **Shock**: No recommend because it is optical equipment
- **Dimensions**: 250(W) × 356(H) × 690(D) mm
- **Weight**: ca. 15 kg

*1 This is an average lifetime, not warranty lifetime*
PEC-L15 provides a 160 mm Illumination Area anywhere on your laboratory.

PEC-L15 has a very fast response mechanical shutter.
Suitable for measuring I-V curves of Silicon solar cells (Fast response I-V analyzer is needed.)

PEC-L15, Simple Unit Body. Just 16 kg including power supply
700 W Xe lamp is easily accessed from the back panel. Replacing lamp is also very easy.

PEC-L15, Simple Unit Body. Vertical type is also ready.
Illumination head is rotatable by 90 degree at 4 positions.
Optical Filter holder (5cm x 5cm) is equipped.

Features of PEC-L15
- 16 cm square illumination area
- 16 kg Unit Body.
- Rotatable Illumination head.
- 5 cm square Optical Filter Holder

PEC-L15, Simple Unit Body. Just 16 kg including power supply
Voltage switch
I/O port
AC Input
PEC-L15 has an I/O port. It easily connect with other equipment.
AC input voltage is easily changeable between 100V and 200V easily