

**Technical Specifications for Solar Simulator**

Light source	: Xenon
Lamp wattage	: 500 watts Min.
Beam size	: 5 cm <sup>2</sup> Min.
Beam uniformity	: 95% Min. in the specified beam size
Light output power	: 1 sun intensity Min. (adjustable)
Filters	: AM0, AM1 and AM1.5 are required
IR cutoff filter (optional)	: 5 cm <sup>2</sup> Max.
Band pass filters (optional)	: 420, 450 and 480 nm.
Cut off and cut on filters (optional)	: 400 nm

**Other Requirements:**

1. The vendor should provide a warranty of 3 years.
2. The vendor should demonstrate their expertise in the field of this technology by providing a list of customers to whom the model, being quoted, has been supplied in the past 3 years along with the contact details of the customers.
3. The vendor should be able to provide service help within 48 hours whenever there is a breakdown of instrument.