



SERIC LTD.

New compact solar simulator

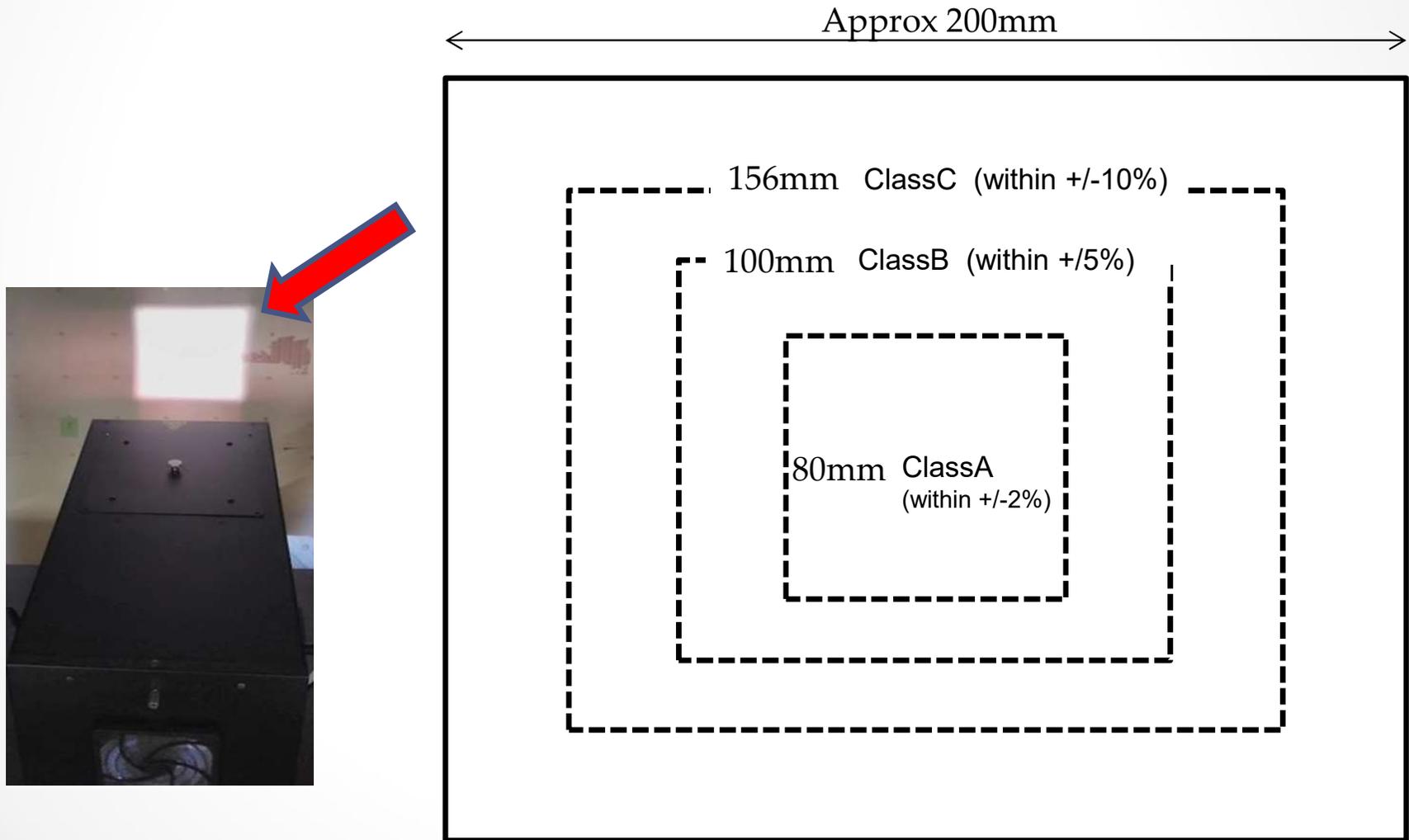
Model : XI-05A1V2-L

1. Specifications and features.

(Comparing with conventional solar simulator of □ 80mm, □ 100mm □ 156mm)

- Model : XI-05A1V2-L (1 phase AC200V)
- Lamp : Xe lamp (500W) ×1ea
- Effective irradiance area : Up to □ 156mm
- Irradiance : 1kW/m² (300 ~ 2500mm)
- **Uniformity of irradiance**
 - Less than □ 80mm : **ClassA (IEC60904-9 within +/-2%)**
 - Less than □100mm : **ClassB (IEC60904-9 within +/-5%)**
 - Less than □156mm : **ClassC (IEC60904-9 within +/-10%)**
- Spectral match : ClassA (IEC60904-9 within +/-25%)
- Temporal instability : ClassA (IEC60904-9 within +/-2%)
- Specification : SP-1516
- Drawing : SD-31733

2. Uniformity of irradiance.



3 . Advantage points

(Comparing with conventional solar simulator of 80mm, 100mm 156mm sqr)

- No necessary of customer site installation
- Multi specification of the uniformaty.
 - 80mm ClassA within+/- 2%
 - 100mm ClassB within+/- 5%
 - 156mm ClassC within+/-10%
- High quality of spectrum ClassA within+/-25%
- Compact for carrying around Approx 15Kg
- Lighting volume is adjustable 60% ~ 100%
- Optional filters
 - A type : 370~780nm
 - B type : 300~780nm

4 . Spectral distribution

