





# Photo Emission Tech., Inc.

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## SS300AAA - FEATURES

- Light intensity feedback for stable output intensity
- External lamp alignment with lamp on
- Lamp life display
- Manual / automatic shutter control
- External/Remote shutter control
- Forced air cooling
- Lamp current meter
- Selectable and adjustable constant intensity or constant power mode
- Safety Interlock override LED
- Over Temperature Warning LED
- Shutter Status Indicator
- Lamp status indicator
- Two (2) year factory warranty

## SS300AAA - TECHNICAL SPECIFICATIONS

| <b>FEATURE DESCRIPTION</b>                    | <b>SPECIFICATION</b>                             |
|---|--|
| Type of lamp                                  | Xenon Short Arc                                  |
| Lamp Power                                    | 3,000 W  |
| Max. Illuminated area                         | 11.81" (300mm) X 11.81" (300mm)                  |
| Light Source                                  | Steady State                                     |
| Air Mass                                      | AM1.5G Standard: AM1.5D or AM1 optional          |
| Lamp lifetime                                 | 1,000 Hours                                      |
| Adjustment Range of light intensity           | 100 mW/cm <sup>2</sup> +/- 15%                   |
| Simulator Class as per ASTM E927              | <b>AAA</b>                                       |
| Spectral Match to ASTM E927                   | ±25% or better                                   |
| Non-uniformity of irradiance as per ASTM E927 | ≤ 2% or better                                   |
| Temporal Stability as per ASTM E927           | ≤ 2% or better                                   |
| Dimensions (Height x Width x Depth)           | 121.5" (3,086mm) x 26.7" (678mm) x 32.7" (831mm) |
| Weight  | 400 Lbs. (157.5 Kg)                              |
| Optimum Working Distance                      | 53.3" (881mm)                                    |
| Phase/Voltage/Frequency                       | Single Phase/220VAC/50-60Hz                      |
| Max. Power Consumption (W)                    | 4.0 KVA  |