

OVERVIEW

This UVST80-A UV LED Curing Test Lamp is air-cooled UV LED Lamp. This UV LED lamp is fabricated by mounting SST's patented AS-LED modules directly on a single piece of extruded aluminum heat sink. The patented AS-LED modules are made with half-rod quartz lenses to minimize Total Internal Reflection loss.

COMPONENTS

- (1) Electrical Control Box with AC cord
- (1) 370-405nm 3.5" 400W UV LED Lamp
- (1) Large 4 pin DC Cable
- (1) Small 4 pin Temperature Sensor Cable

ELECTRICAL REQUIREMENT

LED Curing System

Single phase
115 Volt 4 Amp



Indoor Use Only
Operating Temp: 1 to 30 degree C

WEIGHT AND DIMENSIONS

LED Lamp: 3 lbs, 220 L x 102 W x 89 H (mm)
Control box: 15 lbs, 305 L x 102 W x 305 H (mm)

TECHNICAL DATA

| | |
|-----------------|--------------------|
| Emitting Window | 89 X 75 mm |
| Input Power | 400W |
| Dimming | 10-100% |
| LED indicator | Red for over temp. |

INSTALLATION INSTRUCTIONS

1. Connect the Large 4 pin DC Cable from the control box to the power socket on the LED lamp.
2. Connect the Small 4 pin Temperature Sensor Cable from the control box to the sensor socket on the lamp.
3. After securing the LED lamp, plug in the control box.
4. Use the on/off toggle to initiate UV lamp on and the potentiometer to control UV output percentage.
5. It is recommended to use the power strip provided to turn on/off the LED control and web simultaneously to avoid over heating and web burn.
6. The recommended distance the lamp is mounted above the substrate is 6-12mm.