

PRODUCT INFORMATION:  
**Electro-Cure Single-Pole UV LED**

### Single-Pole UV LED General Information

The Electro-Cure Single-Pole UV LED Curing System operates a single high-powered UV LED to allow high-powered curing in one dimension. The UV LED pole emits 2.5 Watts/cm<sup>2</sup> @365nm and can be incorporated into any X-Y motion control system or similar fixture for automated production. The single-pole system can be controlled by front panel, optional footswitch or computer signaling through a PLC.

UV output power can be set from 5%-100% to give the exact amount of power required for the curing process. LED life is 20,000 hours and the output does not degrade so the process remains constant over time.

**No lamps to replace or light guides to degrade - Zero cost of ownership!**



### Features:

- Programmable/Digital timer
- Powerful 2.5 Watts/cm<sup>2</sup> UV LED
- 20,000 hour LED life
- No lamps or light guides to replace
- Consistent curing
- Controlled output power
- Optional footswitch or PLC operation

### Specifications:

- Input Voltage:
  - 100-120V AC, 60Hz
  - 220-240V AC, 50Hz
- Optical Output: 2.5 Watts/cm<sup>2</sup>
- UV LED: One Pole, 20,000 hrs life
- UV set point: 5% to 100%
- Timer: 1 -180 seconds, 10 second intervals
- On/Off: Panel, foot pedal, or remote
- Dimensions: 5.5 "D x 10 "W x 4 "H

This Single-Pole UV LED system can be incorporated into any X-Y positioning system and controlled by front panel, optional footswitch, or PLC for automated production.