

SPECTRUM™ 60

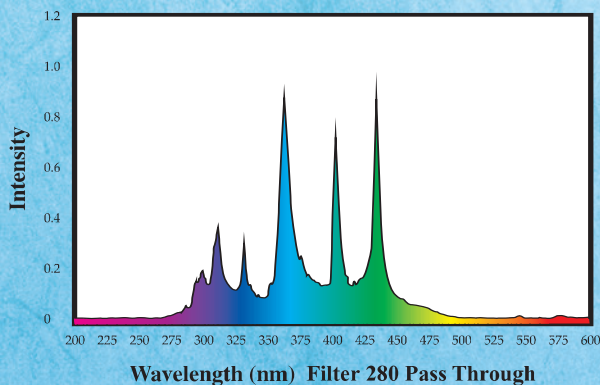
Precision UV Spot Curing System

TWICE THE UVA INTENSITY
in a Cost-Effective package!

- Over **5,000 mW UVA** intensity
- 10,000 mW Total intensity
- Stainless steel construction
- MultiCure cycling capable
- Exceptionally versatile



Standard Spectral Output of *SPECTRUM™ 60*



Wavelength (nm) Filter 280 Pass Through

LESCO UV Lamp Advantage: Spectrum employs premium mercury short arc lamps rather than mercury halide bulbs. Short arc lamps have a much higher UV output than halides which primarily emit visible light. LESCO bulbs also feature the **LONGEST Bulb life** (see 2000 hr warranty) at rated intensity of any UV spot lamp.

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LESCO™
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SPECTRUM™ 60 UV Spot Cure System

The Spectrum is a precision-built ultraviolet light source designed to deliver an intense, concentrated and regulated area spot of UV and/or visible energy through a light guide.

APPLICATIONS: Spectrum is ideal for most spot curing applications where medium to high intensity is required. Uses include curing adhesives, coatings, inks, masks and potting materials.

STANDARD SPECIFICATIONS

<i>UV Output:</i>	10,000 mW/cm² total (UVA, B, Visible) 5,000 mW/cm² rated intensity in UVA (320 - 390nm). All measurements NIST traceable, using EIT Radiometry.
<i>Dimensions, Wgt. & Construction:</i>	Footprint: 10.1"W x 10.6"D x 5.6"H", Weight: 7 lbs Stainless Steel enclosure w/ safety interlock
<i>Lamp:</i>	60 Watt DC premium mercury vapor short-arc. Warm-Up: 60 seconds.
<i>Power Supply:</i>	Proprietary solid state switching power supply. Power input: 90/265 VAC ± 10%, 45/65 Hz auto ranging.
<i>Standard Controls & Displays:</i>	Power On/Off, Shutter Program, Variable Operation Time settings, Auto Program memory. LCD display with easy-to-use microprocessor control. System Ready, Lamp On, Shutter Status, Cure Time Setting, Lamp EPO / interlocking output. Optional: Shutter Error and Intensity Warning / Up to 2 programmable inputs for process control, PLC Program Routines.
<i>Standard Filter:</i>	Wide Range IR filter before focal point. 280 to 480 nm pass through (see graph). Quick replacement interchangeable filters available (Optional)
<i>Light Guide:</i>	1 Meter long x 5 mm core diameter. (Other liquid-filled and small core fiberoptic types available). 8 mm guides <u>not</u> required to deliver rated intensity.
<i>Shutter Control, Manual or Time Base:</i>	Digital, Dual time base, .1 or 1 second, 25.6 or 256 seconds maximum count. Remote actuation by footswitch or by a customer-provided input.
<i>Lamp Hour Monitor:</i>	Resetable, 0 to 3500 hours.
<i>Equipment Life Monitor:</i>	Non-resetable, cumulative.
<i>Warranty:</i>	Materials & Workmanship - One year. (Bulb & Light guide warranted separately)

Other LESCO Products: LESCO has 20 years of experience in UV curing equipment, and process application engineering. We manufacture a variety of ultraviolet curing systems in conveyor, rotating, flood & spot delivery formats including the MKIII and ultra high power MAX Spot cures. Contact LESCO for a free application evaluation.

Optional **Filter Set, Fiberfire™ Light guides & other other accessories** also available!

ONLY FROM
LESCO™
LIGHTWAVE ENERGY SYSTEMS CO., INC



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