

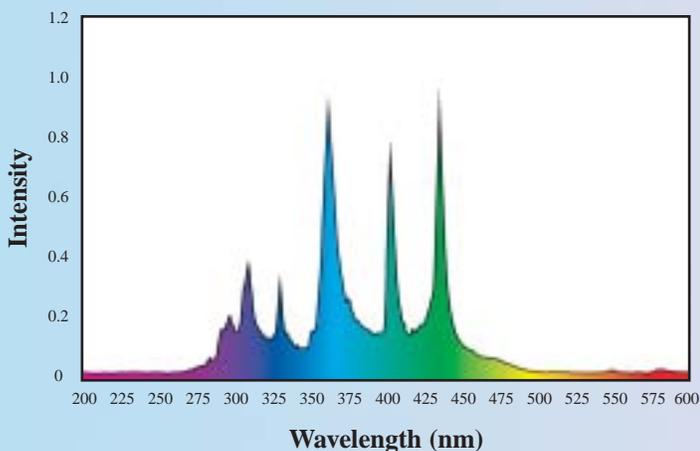
# SUPER SPOT MK III<sup>TM</sup>

## High Intensity Ultraviolet Light Spot Curing System

- **INSTANT Curing**  
- of adhesives, coatings, inks
- **Maximum Intensity**  
- 20W/cm<sup>2</sup> Peak in UVA!  
- 25W/cm<sup>2</sup> Peak in UV-VIS!
- **Guaranteed Bulb Life**  
- 1000 hours minimum  
- a LESCO exclusive!
- **Optical Feedback\***  
- for constant UV output



Spectral Output of Super Spot MK III



ONLY FROM

**LESCO<sup>TM</sup>**

[www.lescouv.com](http://www.lescouv.com)

\*OPTIONAL

# SUPER SPOT MK III™

The Super Spot MK III is a precision-built, ultraviolet light source designed to deliver an intense, concentrated and regulated area spot of UV and visible energy through a light guide.

**LESCO UV Lamp Advantage:** LESCO hand-manufactures it's UV lamp bulbs one at a time to proprietary design specifications. The result is the ONLY mercury short arc electrode lamp with a full 1000 hours minimum life warranty.\*

**APPLICATIONS:** The LESCO Mark III is ideal for any UV/Visible light spot curing application where high intensity is required either for process speed improvement or superior cure strength. It is perfect for curing adhesives, coatings, inks, and other UV curable materials whose physical location dictates the use of a light wand in the UV delivery system.

## SPECIFICATIONS

<b>UV Output:</b>	20,000 mW/cm <sup>2</sup> , peak (@315 - 400 nm) 15,000 mW/cm <sup>2</sup> , rated (@315 - 400 nm) over 25,000 mW/cm <sup>2</sup> total (UVA, B, Visible) All measurements NIST traceable.
<b>Spectral Output:</b>	VIS/UVA/UVB/UVC with factory preset centered @ 365 nm. (UVA)
<b>Dimensions:</b>	Footprint: 12.5" x 8", Height: 10", Weight: 14 lbs 10 oz.
<b>Lamp:</b>	100 Watt DC mercury vapor short-arc. Warm-Up: 60 seconds.
<b>Controls:</b>	On/Off, Manual/Timer, Shutter Timer, Elapsed Time Reset, Opto Feedback Enable (Optional), Intensity Adjust (Optional).
<b>Optical Feedback (OPTIONAL):</b>	LESCO's Closed Loop Optical Feedback Circuit (Optional) monitors lamp intensity in real time and automatically adjusts the Lamp Power Supply to maintain constant lamp (UV) output. The output remains constant throughout bulb life (1000+ hours operating) regardless of electrical, mechanical, or focusing variables.
<b>Displays:</b>	Power On, Lamp On, Cure Time Setting, Optical Feedback Alarm (Optional).
<b>Power Supply:</b>	Bi-level, solid state switching power supply. Power input: 90/265 VAC ± 10%, 45/65 Hz Selectable. Lamp idles at 75% power, 100% power when shutter is open.
<b>Heat Filter:</b>	IR filter before focal point.
<b>Light Guide Standard:</b>	1 Meter long x 5 mm core diameter. (Other liquid-filled and fiberoptic types optional)
<b>Timer:</b>	Digital, .01-99.99 seconds, remote actuated footswitch or by a customer-provided input.
<b>Lamp Hour Meter:</b>	Resettable, 0-999.9 hours.
<b>Warranty:</b>	Materials & Workmanship - One year. Lamp - 1000 Hrs.*

\*Prorata - see warranty details on (separate) warranty information sheet.

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

ONLY FROM  
**LESCO™**  
LIGHTWAVE ENERGY SYSTEMS CO., INC

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