American Ultraviolet®
Insightful Solutions. Remarkable Results. SINCE 1960.

COOL CURE™
UV LED CURING PRODUCTS

American Ultraviolet has manufactured standard and custom UV Spot Curing units and UV Exposure (Flood) Chambers for decades, using a variety of Medium Pressure Arc Lamp, Microwave Electrodeless Lamp, and Short Arc Lamp Technologies to accomodate the full array of UV Curing applications our customers use.

As UV LED technology has grown, so have American Ultraviolet's UV LED offerings, resulting in the ***Cool Cure™*** line of spot and flood UV LED curing products.

Benefits of Cool Cure UV LED Equipment

- No lamps, reflectors, or filters to change
- Up to 15,000 hours of expected UV LED life
- I/O option available
- Minimal IR wavelengths
- Compact and lightweight, yet powerful
- Available in 365, 385, 390, 395,405, and 450nm wavelengths
- Energy efficient - Instant on/off means it only runs when needed, eliminating down time in "standby" mode
- Environmentally friendly - Like all UV systems, the accompanying chemistry does not produce VOC's

We know it can be daunting to figure out which product in a line like the ***Cool Cure*** is the best fit for your needs, so we created a selection chart on the back of this document to provide a straightforward comparison of the ***Cool Cure*** UV LED products currently available from American Ultraviolet.

And because we know you depend on our products for their reliability, we back every unit in the Cool Cure line with a full 2-year, or up to 4,160 hours parts & labor warranty.

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LESCO™
Torrance CA
310-784-2930

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LESCO™
LIGHTWAVE ENERGY SYSTEMS CO., INC

UV LED SELECTION CHART



	Cool Cure Lite	Cool Cure 365	Cool Cure 365-HP2	Cool Cure LED Flood Chamber
Dimensions (in)	6 x 6 x 9.5	10 x 10.5 x 5	10 x 10.5 x 5	9.5 x 12 x 17
UV Output (W/cm2)	2 - 20	2 - 25	2 - 40	0.1 - 1.2
Standard 365mm Wavelength	✓	✓	✓	✓
Weight (lbs)	7.5	10	10	32
Adjustable Output 0 - 100%	✓	✓	✓	✓
Fully Programmable LCD Display		✓	✓	✓
Adjustable LCD Timer Only	✓			
Front Panel Full Display		✓	✓	✓
Front Panel Timer Only Display	✓			
Footswitch	✓	✓	✓	✓
Safety Glasses	✓	✓	✓	
Enclosed UV Chamber				✓
Electrical Operation	90-265 VAC 50/60 Hz	90-265 VAC 50/60 Hz	90-265 VAC 50/60 Hz	90-265 VAC 50/60 Hz
Accepts Liquid & Fiber Optic Lightguides	✓	✓	✓	✓
Expected LED Life (hours up to)	15,000	15,000	15,000	15,000
*Parts & Labor Warranty	2 Years, Unlimited Hours	2 Years, Unlimited Hours	2 Years, Unlimited Hours	2 Years, Unlimited Hours
I/O Interface		O	O	O
385/390/395/405/450nm Wavelengths	O	O	O	O
CE	✓	✓	✓	

✓ = STANDARD FEATURE O = OPTIONAL FEATURE

* Unlimited hours does not include LED Assembly. The LED Assembly is warranted for 2 years, or 4,160 hours.

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