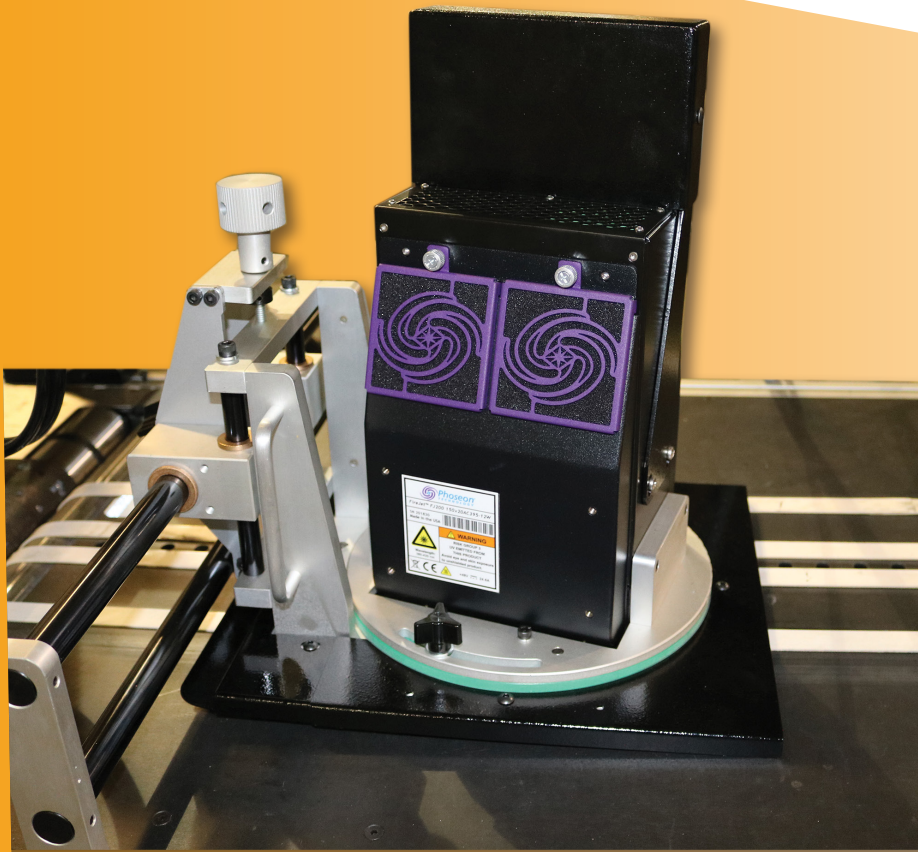


# ADVANCED UV Curing Technology

LED technology offers increased yields and higher gross profits due to the design, operation and performance advantages compared to traditional Mercury UV curing systems.

**LED uses  
75% less  
energy**

- Low heat allows curing on larger range of substrates.
- Deeper through curing due to higher wave lengths.
- Optimized performance produces higher yields and less waste.
- No special exhaust ventilation required.
- Produces UV-A wavelengths, which are safer.



- ✓ *Small footprint*
- ✓ *Adjustable Angle*
- ✓ *Long Life*
- ✓ *Low Maintenance*
- ✓ *Mercury Free*

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# Benefits and Advantages of UV LED

	UV LED	MERCURY LAMP
LIFETIME (run time)	20,000+ hours	500-2,000 hour bulb life
ENVIRONMENTAL	Mercury Free, Ozone Free	Mercury waste, generates ozone
HEALTH and SAFETY	UV-A wavelength only	UV-A, UV-B, UV-C and IR
INPUT POWER REQUIREMENTS	Regular 110 VAC	Heavy Duty 220 VAC
MAINTENANCE	Minimal	Replace bulb, reflector cleaning
ON/OFF	Instant	Warm up and cool down time
HEAT	140° F/60° C	662° F/350° C
THIN SUBSTRATES (heat sensitive)	Low risk of substrate damage	Cannot be used due to high heat
INTEGRATION	Simple. No ventilation required. Minimal safety protection needed.	Proper ventilation and exhaust needed. Adequate safety protection required.
LIGHT SOURCE FOOTPRINT	Small and compact.	Large lamp housing/exhaust system.
MAXIMUM UV ENERGY	19% conversion efficiency. 10% more power. 47% less input power.	9% conversion efficiency.
CONSISTENT UNIFORMITY	Uniform intensity across full length of light source.	Rapid degradation across length of bulb life.
*RoHS DIRECTIVE	Unaffected.	Mercury exemption expires 2016.
COST OF OWNERSHIP	Initial cost lower, COO less.	Initial cost higher, COO greater.

\*The RoHS Directive prevents all new electrical and electronic equipment placed on the market in the European Economic Area from containing lead, mercury, cadmium, hexavalent chromium, poly-brominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE), except in certain specific applications, in concentrations greater than the values decided by the European Commission.

## GENERAL SPECIFICATIONS

### DIMENSIONS

	ENGLISH	METRIC
LENGTH	5.98"	152 mm
WIDTH	5.35"	136 mm
HEIGHT	9.96"	253 mm
WEIGHT	4 lb. 13.6 oz	2.2 kg

### ELECTRICAL REQUIREMENTS

VOLTAGE	AMP	PHASE	Hz
110 VAC	20	1	60
220 VAC	10	1	50/60

Specifications subject to change

