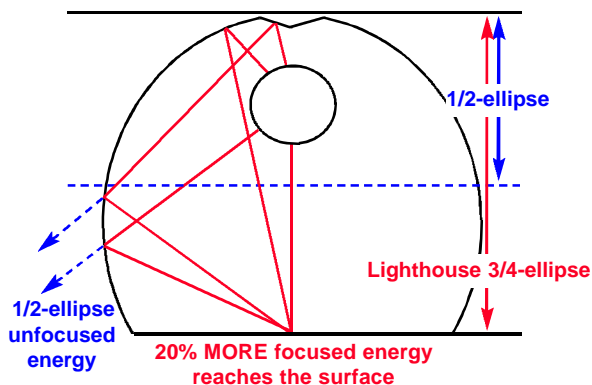


# LIGHTHOUSE™ UV LAMP HOUSING



**Lighthouse 3/4 Elliptical Shuttered and Non-shuttered UV Lamp Housings**



**Lighthouse 3/4 Elliptical Reflector Geometry**

**Lighthouse UV Curing Systems** feature Con-Trol-Cure's patented reflector geometry and stable lamp operation to provide exceptional performance and efficient operation for virtually all UV curing processes.

For two-dimensional product applications, **Lighthouse 3/4 Elliptical UV Curing Systems** (shuttered or unshuttered) offer a compact design and tight energy focus for easy installation on printing presses, conveyors and in-line coating operations.

Due to their patented design features, Lighthouse UV Curing Systems offer unparalleled performance at highly competitive prices. Each extruded aluminum housing dissipates heat more efficiently than traditional designs while maintaining the lamp's desired operating temperature for consistent cure results. Combined with Lighthouse's optimally focused reflector geometry, each system generates 20% more energy at the substrate surface than other systems.

Lighthouse UV Curing Systems have been designed with the user in mind. Lamp and reflector replacement requires less than five minutes labor due to the system's quick-release hardware. Built-in mounting channels along three sides of the lamp housing make new installations or retrofits simple. As well, the universal lamp holder accepts virtually all popular makes of lamp.

## **LIGHTHOUSE 3/4 ELLIPTICAL HOUSING**

- Unique 3/4 ellipse reflector geometry concentrates up to 20% more UV energy at the point of cure.
- Patented design minimizes heat build-up; maintains consistent lamp temperature for reliable, repeatable results.
- Quick-release hardware permits rapid reflector change in less than 5 minutes; maintains high performance at less cost.
- Built-in mounting channels allow for simple installation.
- Universal lamp holder accepts lamps of virtually all makes.
- Custom arc lengths from 2" to 77".
- Available shuttered or non-shuttered.

Whether you are installing a new UV curing system or looking to upgrade or retrofit an existing production line, UV Process Supply offers Lighthouse systems and components to meet your specific requirements. From conventional conveyorized applications to purpose-built systems for high-speed, 3-D applications, UV Process can provide cost-effective solutions for your UV curing needs.

## **24-HOUR PRODUCT SERVICES**

Internet: [www.uvprocess.com](http://www.uvprocess.com)

E-mail: [info@uvps.com](mailto:info@uvps.com)



**UVPS**  
**UV PROCESS SUPPLY, INC.**

# LIGHTHOUSE™ POWER SUPPLIES



**Con-Trol-Cure's Premium Encased Power Supply**



**Con-Trol-Cure's Basic Dual Encased Power Supply**

**Con-Trol-Cure's Encased Power Supplies** include a variety of unique performance features custom designed to match your specific UV lamp specifications.

**EVERY ENCASED SYSTEM OFFERS:**

- Our exclusive Lamp Voltage Interface (LVI). Designed specifically to monitor the high voltage draw of UV lamps, the LVI's numeric display can be directly associated with the lamps voltage consumption. This numeric data can be collected to establish statistical benchmarks and track the lamp's performance. Once a baseline is established, lamps requiring replacement can be easily identified prior to causing any production issues.
- Control features include: on/off switch, ammeter, hour meter, and indicator lights.
- Thermal-safe feature shuts down system to protect against overheating.
- Housing fan continues to run automatically and will shut down once the housing is sufficiently cool.
- Available in 300, 400, 600, and 750 WPI.

**Basic encased power supplies offer 3 levels of power switching.**

**Premium encased power supplies offer 8 levels of power switching.**

**OPTIONAL POWER SUPPLIES OFFERED:**

- **Dual Encased:** Power two lighthouse irradiators for 1 location.
- **Pre-wired Unencased:** All the components offered in our basic encased system, wired together and mounted to a backplate. Allows easy incorporation into your equipment housing. Ideal for applications requiring four or more power supplies where you wish to build a centralized control box.
- **Unencased Ballast:** Power supply and capacitors required for operating a specified UV lamp. No wires or other related components offered. Ideal for replacing or upgrading components within an aging system.

**All Con-Trol-Cure power supplies are equipped with built-in temperature overload switches to prevent burnout.**

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Internet: [www.uvprocess.com](http://www.uvprocess.com)

E-mail: [info@uvps.com](mailto:info@uvps.com)



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