



## SUNRAY QUAD UV Flood Curing System

P/N UV2842



The SUNRAY QUAD is a large area UV flood curing lamp system. All system components are integrated into the lamp head which can be easily mounted anywhere on a factory floor, with virtually no cabling or remote power supply boxes required. Just mount the head, connect the AC line cord, and start curing! The 4 long-life 600W metal-halide arc lamps and parabolic reflectors illuminate a 16 x 12 inch curing area with evenly distributed UV light. The wide range 200-240VAC input voltage range allows the SunRay Quad to be used worldwide. The system features standby mode, elapsed hour-meter, rear panel signal interface connector and 4 variable speed cooling fans. Also available with UVA, UVB & visible lamp spectral types, and Rayven shielded curing chamber.

**Dimensions:** H=7.75", W=23", D=17.45", Weight=24.5 lbs.

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 All specifications contained herein are preliminary and subject to change without notice

## SYSTEM FEATURES

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### + Standby Mode

The unit features a standby mode rocker switch, which reduces lamp power to one third. This mode can be used either for low power curing, or to reduce heat and stray UV light output while the system is idling and not in use.

### + Front Panel Display & Indicators

A front panel hour meter tracks lamp age, allowing for consistent lamp replacement scheduling. Lamp Fault & System Power-on LEDs provide system status information.

### + External Logic Signal Interface

The system can be remotely monitored and controlled using logic signals available at a D-sub connector on the unit's rear panel. Available signal types are:

- Lamp standby input for variable PWM control of lamp intensity, or for minimizing of lamp power during idle periods.
- Lamp Fault output that indicates if any lamp has extinguished.
- Hour meter reset input for zeroing hours display after lamp replacement.
- 24VDC @ 0.5 Amp output for powering external fans, relays, solenoids or motors.

### + Lamp power regulation

The system's switch mode power supplies maintain constant lamp power regardless of variations in AC line input or lamp voltages. This regulation provides for repeatable curing times and longer lamp life.

### + Forced air cooling

Variable speed cooling fans with removable filters direct air to critical system components, insuring cool operation and high system reliability.

### + Rayven Curing Chamber

Optional Rayven curing chamber offers 360 degree shielding for maximum UV protection. Just place your SunRay Quad on top of the oven and start curing.



SunRay Quad mounted on optional Rayven oven

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