

EDU-435

UV-C Air & Surface Disinfection Lamp

Advanced High Level Disinfection for EMS - Protects Crews & Patients



A NAEMT survey of 1,356 Medics published in EMS World reported that 50% have been exposed to an infectious disease and 21% have contracted an illness from a patient.

Eliminating Healthcare Acquired Infections (HAI's) is a CDC Priority.

A recent CDC funded study from Duke University shows topical cleaning alone is not enough. Adding UV-C disinfection has been proven to significantly reduce HAI's by 37%.

Kills C.diff, MRSA, and ALL Known Bacteria, Virus, Mold, Protozoa and Yeast.
Kills Bed Bug Eggs and Nymphs.

EDU-435 delivers Safe Rapid Thorough UV-C Disinfection:

Safe: No chemicals, ozone, aerosols, vapors, toxins or out-gassing.

Rapid: Air and surfaces disinfected in minutes, no dissipation time needed.

Thorough: Pathogen load reduction outcomes of 99.999% to 99.999999%.

EPA Compliant and Made in the USA.

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EDU-435 Features and Specifications:

- **Programmable touch screen controls and timers with color display.** Electronic control includes preset and fully adjustable system delay timer and UV cycle timer. Can be set for specific user with password protection. **Front USB 2.0 port to upload software updates.**
- **Safety** – 180 degrees motion sensors front and back to de-energize the unit if motion is detected.
- **Portable** – Lamp can be placed upon any hard surface, suspended or inverted (with attached handles) to disinfect any unoccupied area.
- **Rugged** - Stainless Steel and Aluminum Construction with **welded wire protective cage around the bulbs.**
- **9000 hour lamp life with built in hour meter** to keep track of use on UV-C bulbs.
- **Philips Germicidal Sterilamp® High Output twin-tube bulbs** for reliable lamp availability and cost efficient replacement, TUV PL-L35W have no more than 4.5 mg mercury content and produce no ozone.
- **EDU-435 features four (4) 35W High Output Philips Chill-Corrected Germicidal UV Lamps providing 72 linear inches of UV-C tubing for maximum UV-C power and time efficiency.**
- Nominal electrical output 140 watts. Draws 2.6 amps @ 120 volts ac. 120V Operation with 9' grounded cord.
- **Rated UV-C energy output 434 $\mu\text{W}/\text{cm}^2$ per second; 26,040 $\mu\text{W}/\text{cm}^2$ per minute @1 meter.** 48 UV-C watts output.
- Heavy duty full metal design for everyday use in a small foot print (10"W x 10"D x 15"H). Lamp weight 15 lbs.
- **Made in the USA by Evergreen UV LLC, EPA Establishment No.91347-TN-001.** (Lumalier by Evergreen UV LLC)
- **Warranty** - Ballasts have a 5 year non-prorated warranty. Lamp has a 1 year warranty against manufacturing defects.

This UV-C disinfection lamp is designed for use in UNOCCUPIED spaces.
UV-C can cause temporary damage and discomfort to unprotected skin and eyes.

EDU-435 (rev.103117). Specifications subject to change without notice.