

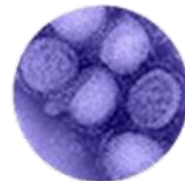
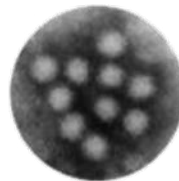
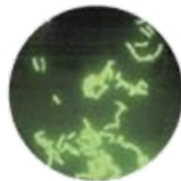
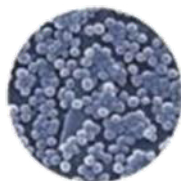
EDU-435

UV-C Air & Surface Disinfection Lamp



High Level Disinfection for EMS
Protects Crews & Patients

Kills the Unseen!



Portable UV-C Air & Surface Disinfection Lamp

Advanced High Level Disinfection for EMS - Protects Crews & Patients

The EDU-435 is a powerful UV-C disinfection lamp designed by EMS and Fire to rapidly disinfect ambulances, fire trucks, aircraft, command vehicles, equipment, and every room inside the station house.

UV-C is a natural disinfection method scientifically proven to reduce the spread of disease. UV light stops microorganisms from reproducing by disrupting their DNA and rendering them harmless. When the organism tries to reproduce, it dies.

The EDU-435 kills microorganisms that cling to surfaces and that linger in the air. The UV light rays disinfect hard to reach places and uneven surfaces for thorough disinfection.

The EDU-435 kills all known bacteria & virus to 99.999999% disinfection in less than 2 minutes.
(within 1 meter distance, direct line of sight)

Advanced proprietary features include:

- Easy to use programmable touch screen controls for the safety delay timer and the disinfection timer.
- Color digital display with built in hour meter.
- Hi-Output twin tube bulbs with 9,000 hour bulb life.
- Full metal cage to protect bulbs.
- Front and rear 180° motion sensors for added safety.



The EDU-435 has a built in full metal handle so it can be inverted inside the ambulance from ceiling rails or hooks.



A NAEMT survey of 1,356 Medics published in EMS World reported that 50% have been exposed to 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%.

"These lamps, when used regularly, will provide 99.99999 percent disinfection and kills all known bacteria, virus, mold, protozoa and yeast. When the staff uses these lamps in conjunction with topical disinfection this technology will provide a safer environment for patients and staff."

"In addition to killing virus and bacteria in the ambulance, the crews will be able to use these portable UV-C lamps to disinfect living spaces like bunk rooms where an individual may have become ill. This technology can stop the transmission of diseases that before may have caused an outbreak of colds and flu in areas such as an ambulance base that many people share 24 hours a day. The new UV-C Lamps will keep staff healthy, and it will keep the ambulances and bases clean for those who visit or tour the facilities." Ray Antonacci – Director, Lincoln County Ambulance District, Troy, MO



*The EDU-435 has the highest UV-C output available for EMS.
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.*

**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: UV-C is natural - 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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UV-C Air & Surface Disinfection Lamp

Advanced High Level Disinfection for EMS - Protects Crews & Patients



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. **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.091618). Specifications subject to change without notice.

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