LUMALIER
Trusted Experts in UV and Indoor Air Quality

The Trusted Authority for Airports

Benefits of Installing UVC Light Fixtures in Airports:

- **Inactivates infectious pathogens to reduce the risk of travel related transmission**
- **Improves indoor air quality (IAQ)**
- **Provides peace of mind for travelers and airport employees**
- **Reduces HVAC energy consumption and extends equipment lifecycle**
- **Eliminates coil cleaning**

Airports have their own unique challenges for mitigating the spread of viruses and bacteria due to the high concentration of people. In addition, as a hub for travelers, sicknesses can spread from a broad range of geographic locations.

Achieving the best results in pathogen reduction starts with identifying the specific spaces and challenges, which can be unique to airport environments:

- Security lines
- Ticketing areas
- Transport/trains
- Food courts & restaurants
- Boarding areas
- Restrooms
- Open spaces
- Retail areas
- Private travel club suite
- Baggage claim areas

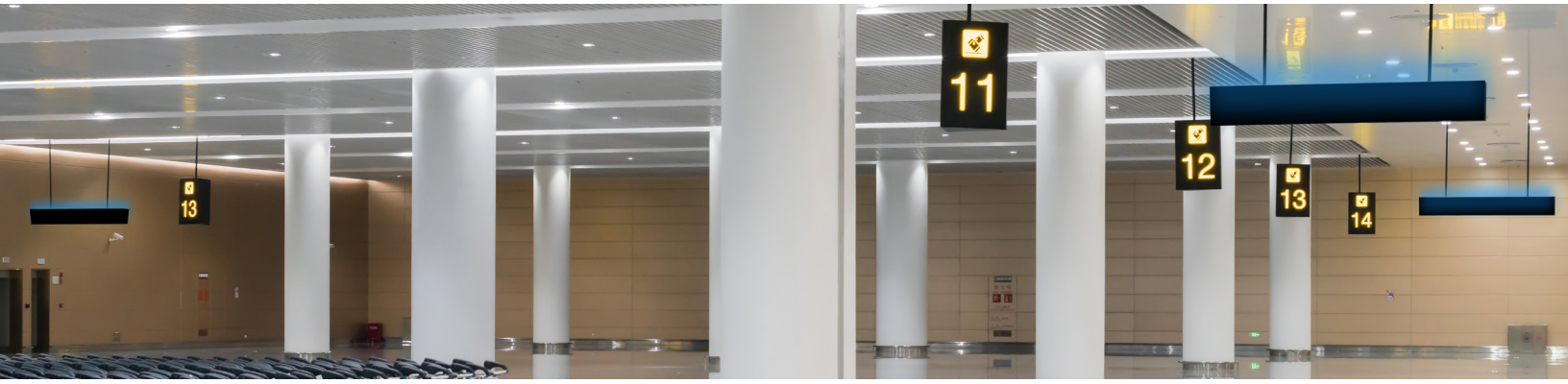
UVC Solutions

A layered approach to reducing the spread of viruses and bacteria includes:

- UVC placed within HVAC equipment for facility-wide improvement of indoor air quality (IAQ).
- Upper-air UVGI for populated areas with higher transmission probability.
- Surface decontamination for regular cleaning or emergency disinfection.

Challenges: Airports

- Poor indoor air quality (IAQ).
- Spread of viruses and bacteria because people are traveling from many locations.
- High concentration of people in spaces creates higher risk for spread of germs.
- High energy and maintenance costs.



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UVC Disinfection Products for Airports

UVC for Facility-Wide Disinfection and Improved HVAC Energy Efficiency Installed in Air Handlers and Ductwork – New Construction or Retrofit

In-AHU and In-Duct fixtures, such as the Lumalier Adjustable Rack (AR) Series UVC Fixtures, are installed inside ventilation systems to provide high-level, facility-wide disinfection of the airborne infectious pathogens that can cause respiratory sickness, disease, and infection. In-AHU and In-Duct fixtures are scalable to fit any size air handler unit (AHU).

- Achieves the greatest square foot coverage at the lowest cost.
- Uses the existing ventilation system to disinfect and distribute air.
- Eliminates biological growth on coils and in the drain pan that can cause coil fouling, odors, and premature failure of air conditioning equipment.
- Provides airport facilities with an ROI benefit with reduced energy consumption and maintenance.

UVC for High-Risk Areas with Higher Concentrations of People Upper-Air UV Fixtures

Upper-air UV fixtures are engineered to provide very targeted airborne pathogen reduction in high-risk areas.

- Installation applications include security lines, boarding areas, ticketing areas, food courts, restrooms, baggage claim areas, and other spaces where there's a higher risk of spread.
- Units are available for high or low ceilings and for any square footage.
- Units can be permanently or temporarily installed for flexible space uses.
- Natural convection-currents create repeated air disinfection within defined spaces.

UVC for Risk Management Surface Disinfection

Surface disinfection UV fixtures are engineered for high-level disinfection of contaminated surfaces that can spread infection.

- Appropriate for temporary disinfection of floors, desks, counter, and table surfaces that have been contaminated.
- Ideal for treatment of difficult-to-disinfect surfaces, such as keyboards, self-serve kiosks, and monitors.
- Available in both fixed and portable options.

October 2021

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