

UVA solutions can help reduce bacteria and fungi on surfaces. Our in vitro testing with 8 hours of exposure has shown significant reductions in common pathogens associated with hospital-acquired infections (HAIs), such as MRSA, *Staphylococcus aureus*, *Enterococcus faecalis*, *Escherichia coli*, *Acinetobacter baumannii*, *Pseudomonas aeruginosa*, and *Candida albicans* and *auris*.¹

Integrated into light fixture for wide range of applications.

Patented UVA technology reduces surface bacteria, including *Staphylococcus* (99%) and *Salmonella enterica* (95%), over 24 hours.¹

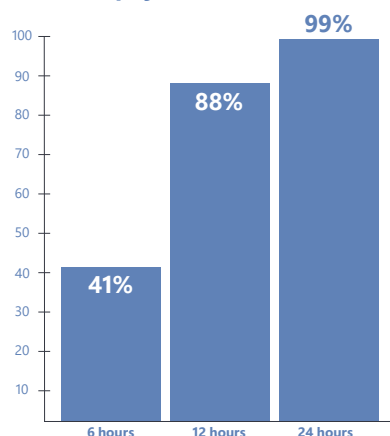
Meets human exposure guidelines set by IEC 62471 and the ACGIH® TLVs® for continuous operation in occupied spaces.

24/7
Continuous Inactivation

Photoactivation helps render pathogen inactive

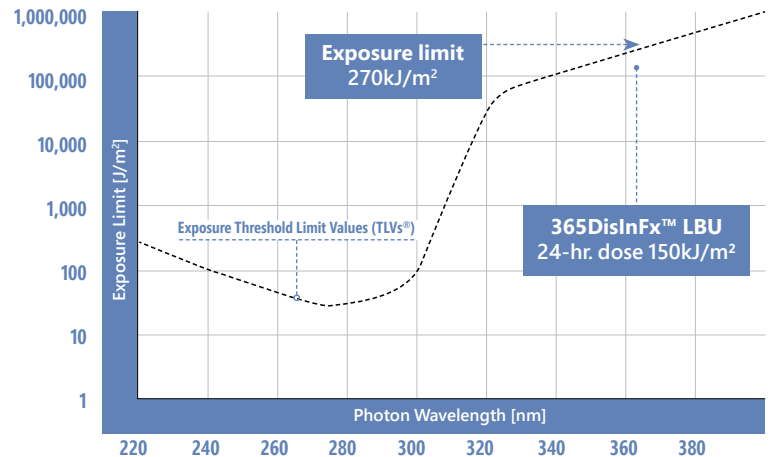


Inactivation Over 24 Hours*
Staphylococcus aureus



*0.5/m² and 24-hour exposure, predicted inactivation
Based on photobiological science and mathematical modeling

ACGIH® Exposure Threshold Limit Value (TLVs®) vs. Wavelength



Continuous low dosage at 365 nm inactivates surface bacteria and fungi below ACGIH® TLVs®

¹ Current has completed in-situation testing of its 365DisInFx™ UVC disinfection technology LPU series devices utilizing the aerosolized virus, bacteriophage MS2.

This benchmark testing with the bacteriophage MS2 resulted in 88% inactivation of the aerosolized virus in a 10-by-10-by-8-foot room within 4 hours. Applying the test results to 24-hour continuous operation of the 365DisInFx™ LPU would result in 44% inactivation of bacteriophage MS2 in 2 hours.

Bacteriophage MS2 is a nonenveloped virus that is commonly used as a surrogate for viruses that are pathogenic to humans. It is particularly useful as a surrogate because published scientific testing and literature support that bacteriophage MS2 is more resistant to UVC than certain enveloped viruses, such as coronaviruses and influenza.

Based on photobiological science and mathematical modeling, Current anticipates equivalent or better results for seasonal coronaviruses and SARS-CoV-2. When properly installed and configured for the space, continuous operation of the 365DisInFx™ LPU should provide 50% inactivation in the first hour of exposure, 90% inactivation (1 log) in 3 hours or less of exposure, and 99% inactivation (2 log) in 6 hours or less of exposure. Current continues to conduct additional confirmatory testing.