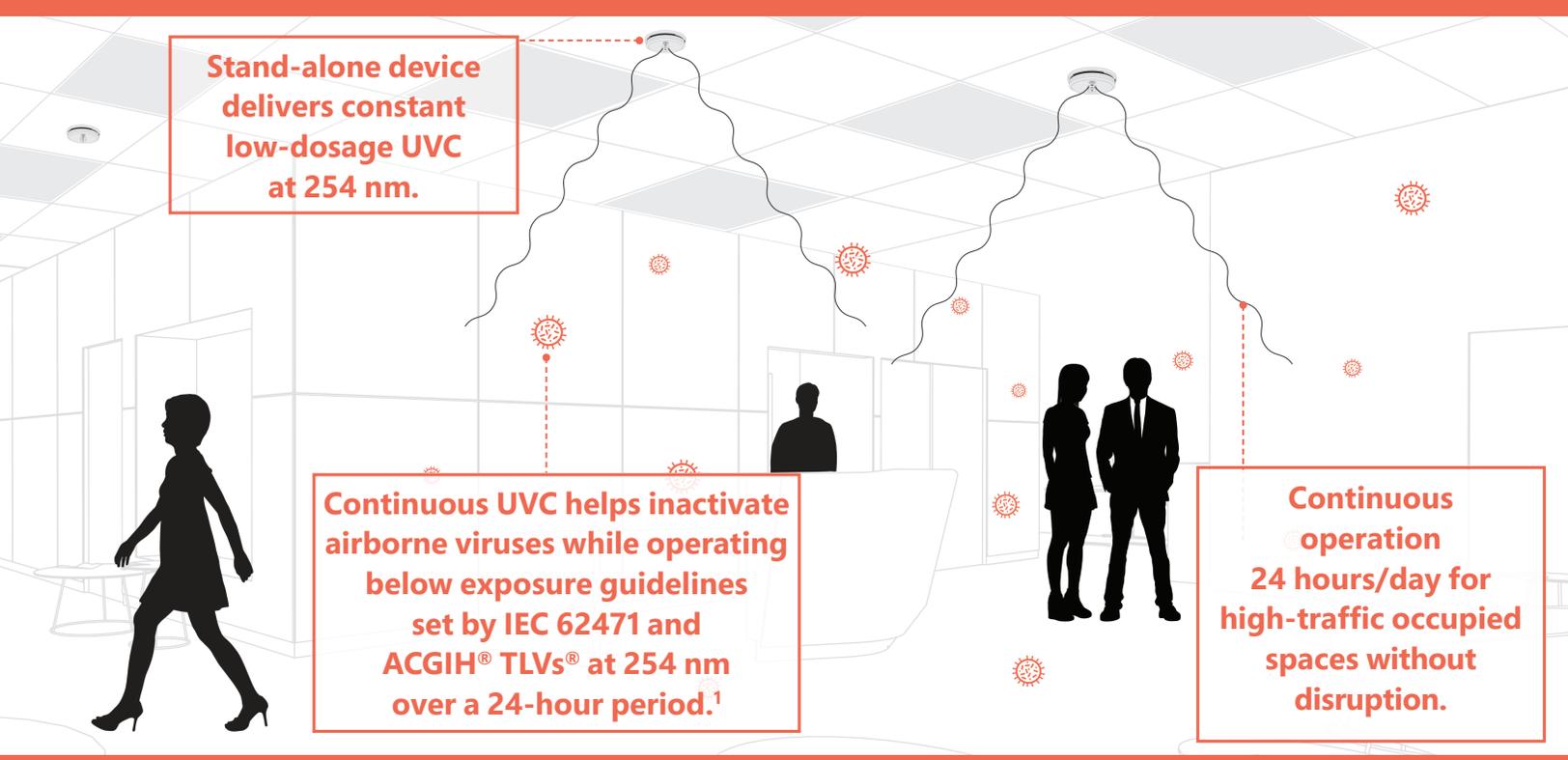


UVC solutions can help reduce viruses in air. Based on testing using a bacteriophage MS2 model system, Current predicts that 365DisInFx™ UVC technology will provide 99% inactivation with less than 6 hours of exposure for seasonal coronaviruses, including SARS-CoV-2, the virus that is known to cause COVID-19, when used as directed.¹



Stand-alone device delivers constant low-dosage UVC at 254 nm.

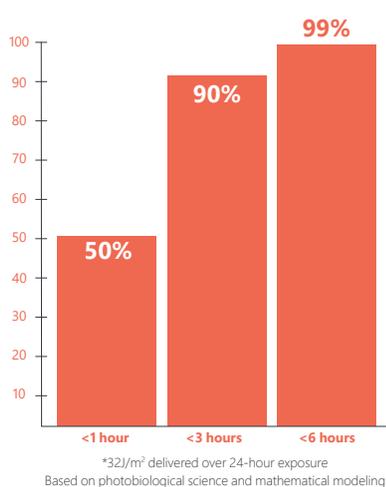
Continuous UVC helps inactivate airborne viruses while operating below exposure guidelines set by IEC 62471 and ACGIH® TLVs® at 254 nm over a 24-hour period.¹

Continuous operation 24 hours/day for high-traffic occupied spaces without disruption.

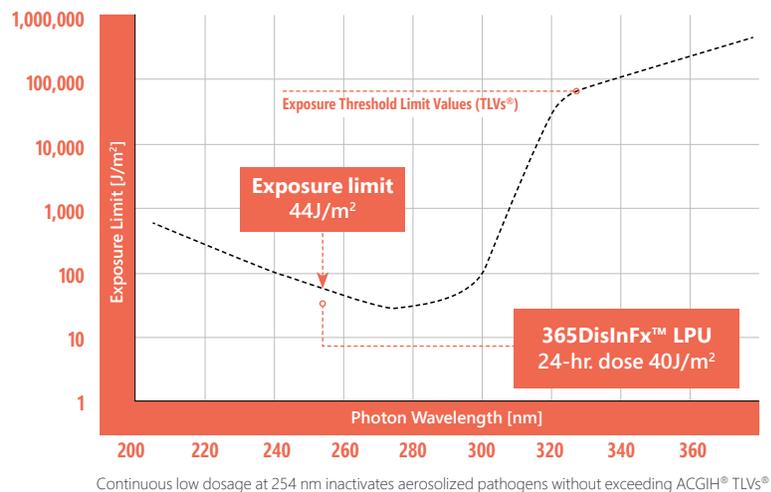
24/7
Continuous Inactivation

Disrupts RNA of viruses to help inactivate them

Projected* Coronavirus Inactivation



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



¹GE Current, a Daintree company, 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.