



Disinfection Solutions for Occupied Spaces

Continuous UVC disinfection of airborne
viruses in places where people convene

Current 

365DisInFx
UVA technology

The Industry's First UL-Certified Direct LED UVC Luminaire



5" diameter x 1.2" depth

- Helps in the inactivation of aerosolized viruses as an additive measure in a total disinfection plan.
- Low-dosage UVC device is designed for continuous 24-hour operation in areas where people are present and operates without the need for controls.
- Compact size (5" diameter x 1.2" depth) is similar in appearance to a smoke detector and allows integration into existing ceiling infrastructure (minimum ceiling height of 8.5'). Simple operation includes user-friendly indicator lights.
- Visual indicator lights provide function status:
 - **Green** = power on (normal operation)
 - **Red** = if flashing and audible (fault)
 - **Yellow** = UVC on (normal operation)

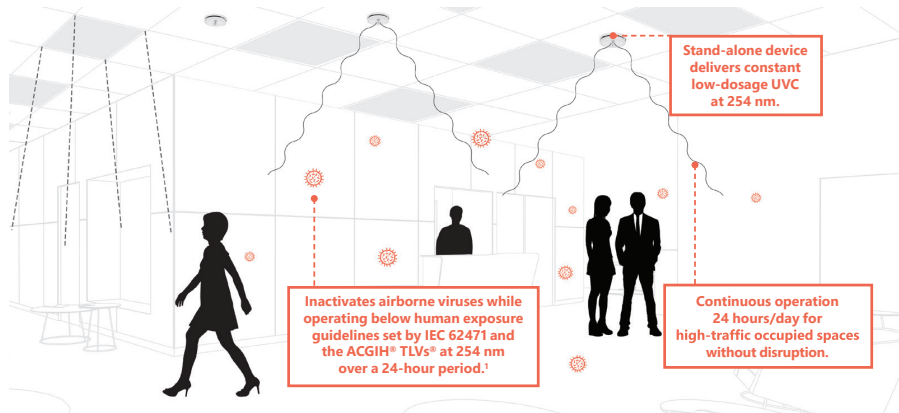
Compliant • Continuous • Test-Driven

An ever-present solution backed by UL certification, IEC standards and ACGIH® guidelines

- Complies with human exposure limits per IEC 62471 Photobiological Safety of Lamps and Lamp Systems standards and American Conference of Governmental Industrial Hygienists (ACGIH®) TLVs® guidelines when installed as directed.
- Current conducts third-party testing to substantiate our claims and validate our predictive models and is certified through UL's Data Acceptance Program (DAP) to perform testing to the IEC 62471 safety standard.
 - UL certified direct LED UVC luminaire.
- Flexible LED solutions for 24-hour occupancy, providing an added layer of protection along with masks, hygiene and social distancing.

Based on testing using a bacteriophage MS2 model system, Current predicts that 365DisInFx™ UVC technology will provide near total inactivation for seasonal coronaviruses, including SARS-CoV-2, the virus that is known to cause COVID-19, when used as directed.¹

UVC: Inactivation in Action



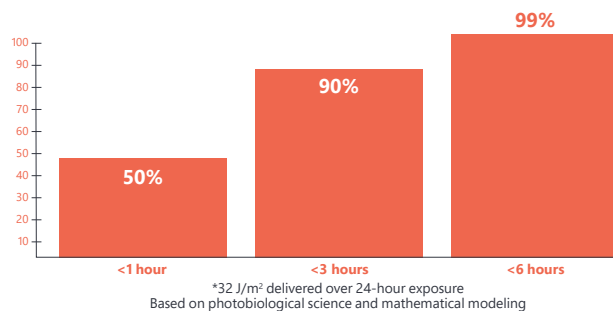
24/7

Continuous Inactivation

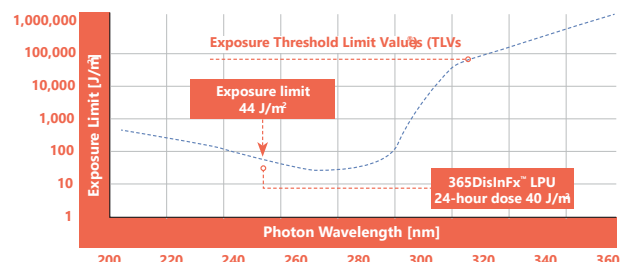
Disrupts
RNA
of viruses
to help
inactivate
them



Predicted* Inactivation of Seasonal Coronavirus and SARS-CoV-2



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



Continuous low dosage at 254 nm inactivates aerosolized pathogens without exceeding ACGIH® TLVs®

UVC Test Results & Notes:

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.

Ordering Information and Details to Consider

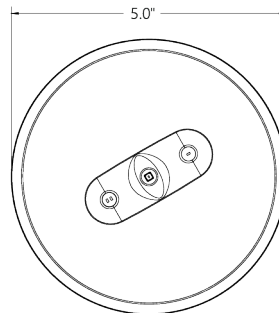
LPU Series – 365DisInFx™ Lumination Puck UV Ordering Number Logic

LPU	1	–	AD	QQ	–	–	WHITE	BP
Family	Generation	Voltage	UV	Controls	Mounting	Mounting Height	Finish	Packaging
LPU	1 = 1st Gen.	0 = 120/277VAC	AD = All Day Continuous	QQ = No Control	ST = Dry Wall/JBox LT = T-Grid	08 = 8'6" up to 9' 09 = 9' up to 10' 10 = 10' up to 11' 11 = 11' and higher	WHITE = White	SP = Single Pack BP = Bulk Pack

SKU #	Description
93140132	LPU10ADQQLT08WHTESP
93140133	LPU10ADQQLT09WHTESP
93140134	LPU10ADQQLT10WHTESP
93140135	LPU10ADQQLT11WHTESP
93138527	LPU10ADQQST08WHTESP
93138528	LPU10ADQQST09WHTESP
93138529	LPU10ADQQST10WHTESP
93138530	LPU10ADQQST11WHTESP
93141780	LPU10ADQQLT08WHTEBP
93141781	LPU10ADQQLT09WHTEBP
93141782	LPU10ADQQLT10WHTEBP
93141783	LPU10ADQQLT11WHTEBP
93141784	LPU10ADQQST08WHTEBP
93141785	LPU10ADQQST09WHTEBP
93141786	LPU10ADQQST10WHTEBP
93141787	LPU10ADQQST11WHTEBP

Notes:

- Voltage option "0" includes a power pack for 120/277VAC to 24DC.
- Bulk Pack option is available with total pack from 5 to 8 units (max).
- Products shipped in bulk pack are not provided with individual packaging.
- Any quantity less than 5 will be shipped as single pack.



For layout requests, talk to your local **Current** sales representative. Go to www.LED.com to access the LPU online quantity and spacing estimating tool.

We can help you make an informed decision

- UV radiation can pose a risk of personal injury. Overexposure can result in damage to eyes and bare skin. To reduce risk of overexposure, equipment must be installed in accordance with manufacturer's site planning and application recommendations, including minimum ceiling height restrictions.
- UV solutions are intended for common high-traffic spaces and not recommended for dwellings or home use.
- Installation of the devices should be performed by qualified professionals as detailed in Current's installation guide.
- To allow for occupancy during use, Current products comply with IEC 62471 – Photobiological Safety of Lamps and Lamp Systems standards and American Conference of Governmental Industrial Hygienists (ACGIH®) TLVs® guidelines when installed as directed.
- Current's UV products are meant to be used in conjunction with other protective measures like manual cleaning and the use of proper PPE. They are not a substitute for other measures.
- Current products are not intended for use as a medical device.
- If combining two or more UV solutions, whether from Current and/or other manufacturers, please consult a trained product application representative to ensure the total irradiance (UV dose) does not exceed recommended human exposure limits. To the extent UV solutions are combined, it may impact inactivation rates.



ALBEO

ARIZE

DAINTREE WIRELESS CONTROLS

EVOLVE

FORUM

GE LAMPS

GTX

IMMERSION

LIGHTGRID

LIGHTSWEEP

LUMINATION

TETRA

Current - GLI Brands

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