

365DisInFx™

UVC technology

365DisInFx™ LED Luminaires LPU Series – 365DisInFx™ Puck UVC

Product Description

Current's 365DisInFx™ LPU Series provides germicidal ultraviolet (UVC) light for continuous disinfection in occupied spaces.

Applications can be designed in combination with the 365DisInFx™ UVA portfolio for viricidal and bactericidal disinfection.

Example Applications: Bathrooms, Senior Living, Food Processing Facilities, Gym Locker Rooms, Hospitals, Commercial Offices, Retail, Entrances and Lobbies.



Technical Summary

Test results: Current has completed in-situation testing with 365DisInFx™ LPU Series devices on the aerosolized virus, bacteriophage MS2. Bacteriophage MS2 is a nonenveloped virus that is commonly used as a surrogate for viruses that are pathogenic to humans. MS2 is generally understood to be more resistant than enveloped viruses (which include coronaviruses) to UVC.

The MS2 bacteriophage testing resulted in an 88% inactivation of the aerosolized virus in a 10' x 10' room in 4 hours.

Based on these MS2 results, Current predicts the continuous operation of the 365DisInFx™ LPU will provide a 1-log reduction (90%) in less than 3 hours and a 2-log reduction (99%) in less than 6 hours for seasonal coronaviruses and SARS-CoV-2 in a typical room application.

Safety: When used and installed as directed, continuous 24-hour exposure in occupied space is under the limits stated in IEC 62471 Photobiological Safety of Lamps and Lamp Systems.

Coverage: At a mounting height of 10', the LPU will achieve a coverage area of approximately 50 ft²

Available For Ordering

Contact your local Current sales representative with order inquiries.

Notes

Installation of the device should be performed by qualified professionals as detailed in Current's installation guide.

Current 365DisInFx™ UV products are meant to be used in conjunction with other protective measures such as manual cleaning and the use of proper PPE. They are not a substitute.

Current products are not intended to be used as a stand-alone solution or for use as a medical devices.

LPU Series – 365DisInFx™ Lumination Puck UV

Ordering Number Logic

LPU 1 - AD QQ -- -- WHITE

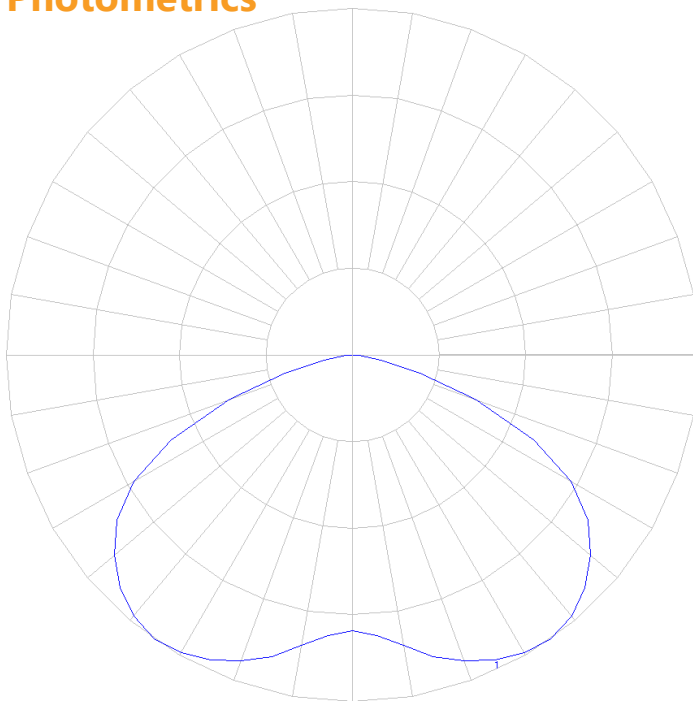
Family	Generation	Voltage	UV	Controls	Mounting	Mounting Height	Finish
LPU = Lumination Puck UV	1 = 1st Gen	0 = 120/277VAC	AD = Continuous UV	QQ = No Control	ST = Dry Wall/JBox	08 = 8.5 ft.	WHITE = White
					LT = T-Grid	09 = 9 ft.	
						10 = 10 ft.	
						11 = 11 ft.	

SKU #	Description
93138527	LPU10ADQQST08WHITE
93138528	LPU10ADQQST09WHITE
93138529	LPU10ADQQST10WHITE
93138530	LPU10ADQQST11WHITE
93140132	LPU10ADQQLT08WHITE
93140133	LPU10ADQQLT09WHITE
93140134	LPU10ADQQLT10WHITE
93140135	LPU10ADQQLT11WHITE

Notes:

- Voltage option "0" includes a power pack for 120/277VAC to 24VDC.
- Different Finish requests acceptable; longer lead time and setup fee will be applied.
- Standard mounting is "ST;" others will require longer lead time.

Photometrics



For layout requests, contact your local **Current** sales representative. Sales and agents can submit application design requests through E*Light or Salesforce opportunities.

LPU Series – 365DisInFx™ Lumination Puck UV

Product Specifications

LED & Optical Assembly

Indicator LED:

- Green = Circuit board powered on
- Red (Flash) = Overcurrent error
- Yellow = UVC LED powered on

UVC LED: ~255nm nominal peak wavelength

Electrical

Input Voltage: 120/277V

System Power Factor (PF): TBD

Total Harmonic Distortion (THD): TBD

Power Pack PN: BZ-50/BZ-50RC (Legrand)

Ratings & Evaluations

Operating Temperature: -20°C to +25°C

Storage Temperature: -40°C to 70°C

Surge Protection: ANSI C82.77 Compliant

Location: Damp

Safety: UL/cUL Listed (pending)

Environmental: Compliant with material restrictions of RoHS

Construction & Finish

Housing: Polycarbonate: Makrolon 2407, UV resistive

Weight: ~0.5 lbs.

Design Life & Warranty

Life: One (1) year life (further life testing ongoing)

Mounting Options

Standard Mounting: Drywall/J-box direct screw

T-Grid Clips: Provided with "LT" option

Wiring Access: ½" trade-size KO's on back side

Accessories & Options

Contact your GE Current, a Daintree company, sales representative for available options. For more information and access to all of our resources, including our design tools, visit: www.gecurrent.com.

Make An Informed Decision

UV radiation can pose a risk of personal injury. Over-exposure can result in damage to eyes and bare skin. To reduce risk of overexposure, equipment must be installed in accordance with manufacturers site planning and application recommendations.

UV solutions are intended for common high traffic spaces and not recommended for dwellings or home use.

To allow for occupancy, Current products comply with IEC 62471 – Photobiological safety of lamps and lamp systems and American Conference of Governmental Industrial Hygienists (ACGIH®) TLVs®



UV emitted from this product.
Install in compliance with manufacturer instructions to prevent risk of personal injury from UV radiation.