



ANTI-VIRAL ANTI-MICROBIAL

Project: _____
Location: _____
Cat. #: _____
Type: _____
Quantity: _____

Immaculight | 2x2 LED Down Panel w/ Disinfection Air Chamber

Immaculight 4-Tier Protection:

1. Air enters TiO₂ ceramic filter inlet.
2. Air travels through proprietary coated chamber excited with UVA.
3. Air travels through >18 linear ft. chambers and >19 sq. ft. surface area excited with UVC.
4. Expelled air travels through carbon filter to catch leftover fine particulates.

Features:

- Protects human health without the use of harmful chemicals or materials. Heterogeneous filtration deodorizes and improves overall air quality by removing particulates, pathogens, and pollutants.
- Continuously decontaminates hard and soft surfaces while the light is in use. Converts carbon-based pollutants, bacteria and viruses to harmless by-products.
- Emits No Ozone or chemical compounds; Multi-level filtration may help people in relieving symptoms of allergies to dust, mold, spores, and other allergens.
- Surface disinfection out of the front, purification out of the back; fan and chamber work to kill airborne pathogens (including SARS-CoV-2, the virus that causes COVID-19), spores and any other living organism which passes through. Effective against MRSA, C. Difficile, Salmonella, E. Coli, and other pathogens.
- High performance illumiPure Clean White™ LEDs emit an antibacterial wavelength that is completely harmless for humans and animals.
- Back-mounted Air Guardian™ pulls in air via surface-mounted fans. Air pulled into chamber is cleansed of airborne pathogens (viruses, molds, & bacteria) utilizing 260~265nm UVC with a >99% inactivation rate.*

Applications:

Suitable for most commercial and institutional applications. May be placed in room, plenum or return duct. Dimming & IoT option available.

- Office
- Retail
- Classrooms
- Healthcare Facilities

Construction:

- Aluminum housing
- Lens constructed of proprietary polycarbonate

Certifications:

- CE, ETL, RoHS
- Patent pending
- FDA Facility #10077990
- EPA Establishment # 98105-TX-1
- FDA Medical Device Classification Device Class 1 Listing #D420497

Warranty:

- 405/470nm LED boards for downlight: 4 years
- 260~265nm LED boards in back chamber: 30,000 hrs
- Fans: 5 years
- Driver: 5 years
- Chamber Housing: 10 years

ERADICATE & REMOVE
>99% SARS-CoV-2, the virus causing
COVID-19



Powered by illumiPure™

Immaculight™

* All viruses are known to be affected by UVC, however, inactivation time varies from virus to virus.



Est #: 98105-TX-1 | EPA Region: 06 | Co.#: 98105

(Rev. 10-20)



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