



(949) 225-0000

NANOMETER TECHNOLOGY AIR-STERILIZATION 2x4 LED PANEL LIGHT

Description:

Luna Sciences new LED air sterilization system is the latest application of Nano Technology to treat the air pollutants, bacterias, and viruses to include Covid 19 Virus Strands. Using Phillips 253.7nm UVC Tube and special designed HEPA Filter soaked with nano-silver and titanium dioxide, the panel sterilization offers 24/7 protection against bacteria and viruses even when the LED panel light is not illuminated. This unit can save space by having a tow profile, providing illuminated LED modules as well as air purification system to create clean and worry free environment. System creates healthy and refreshed air at your work, school, hospital, gyms, and other public spaces.

The Most Advanced
Disinfecting Panel Light
for air purification at
work, school and more



Size 23.74x46.74X5.12"



Model	DL-NANO24-W110K4000
Efficacy	135LPW
Total Power	Fixture=40W, UVC=55W, Fan=15W
Delivered Light Output	5,200lm
Dimming	0-10V
Disinfection Area	300sf - 600sf
Weight	30.87lb
Input Voltage	120-277VAC
CCT Options	3000K, 3500K, 4000K, 5000K
CRI	82
Emergency Power Optional	15W/90min
PF	>.95
Standard Warranty	5 years on light and Fan, 1 year on UV Lamp
Lifetime Warranty	Designed for min. 50,000 hours
Mounting	Surface or T-Bar
Temperature Rating	-20 > 50
Damp Rated	Yes
UV Lamp Type	Phillips
UV Wavelength	253.7nm
UV output	110@253.7nm
Certification	ETL, EPA, SGS, CE, RHOS, and FDA [pending]

Nano Sterilization
2x4 Ceiling Light
Built in Light, Fan and UVC
HEPA Filter Soaked
with nano-silver and titanium
dioxide
Protection against
bacteria, viruses even when the
LED panel is off

T-bar Application

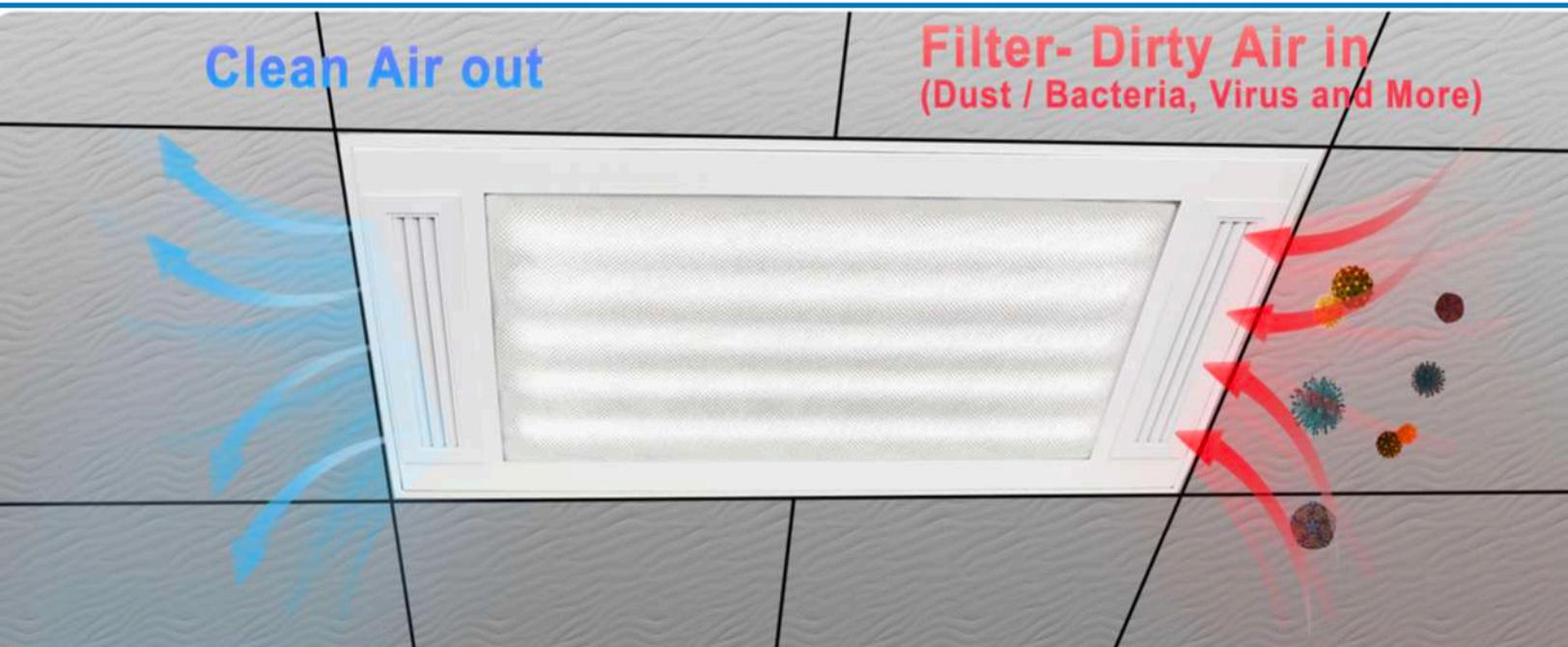


NANO filter technology

fit for 2x4 T-bar

Covers 300 square feet of space

The working principal of an air purification system



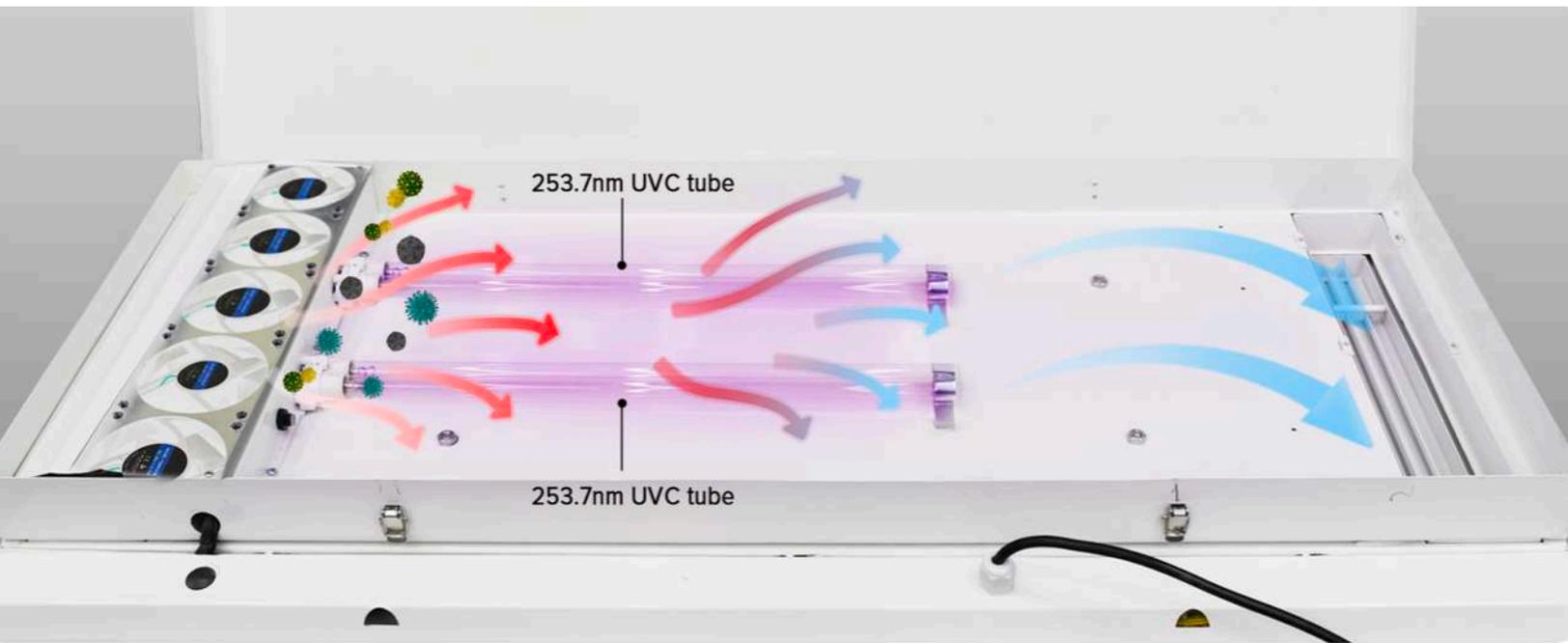
This unit is extremely efficient in the way it was designed to get rid of the bacteria and viruses. The surface of the PC cover along with the filters have been coated with Nanometer Silver and Titanium Dioxide. When a bacteria or a virus in the air touches the surface of the nanometer coating or touches the HEPA filters, Silver ion reacts with hydrogen sulfide ion in bacteria and inhibits its reproduction

Produces superoxide free radicals and breaks down the bacteria

Material surface is with electric charge that pulls the membranes of bacteria, causing rupture and bring bacteria death

Mechanism of the 2x4 unit - The fixture is installed with industrial fan white ci powerful and can adjust the speed freely. Air comes into the intake and goes out through the outlet. The inhaled air will be purified by getting rid of the HEPA filter and automatically kill the bacteria and viruses.

Built in Phillips 253.7nm UVC tube on the back of the fixture. The UVC tube inside the fixture carries on the secondary purification to the inhaled air a100% through constant reflection of the mirror.



Dimension: 46.85"x23.74"x5.12"
Weight: 30.86lbs

