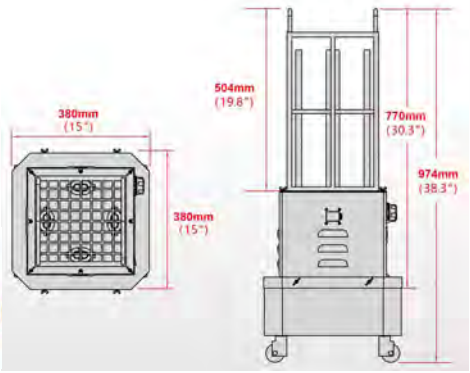
NEVLIGHT
HEALTHCARE DIVISION

Disinfection systems with UV-V Ozone emitters

"Make Life Safer"

Disinfection trolley with UV-V Ozone emitters

TECHNICAL FEATURES	
Lamp Model	NLUVST144OZ
Lamp power Watt	144w
UV wavelength	UV-V 185nm with Ozono
Static area applicable	until 150m²
Flow of Ozone generated (g / hour)	N/A
UV range of action up to linear meters	5,6mt. at 360°
Auxiliary control devices (timer and timer time, human presence sensor, ignition delay and ignition delay time)	90s delay switch 0-24Hours timer time Remote control, sensor
Single lamp Watts & number of lamps	36W/4
Supply voltage in volts	AC 110-277V/ 50Hz
Absorption in Ampere	2 A
Estimated tube life	>8000Hrs
Type of tube	Silics tube fluorescent
Lamp dimensions	380*380*974mm
Packaging dimensions	450*450*1080mm
Lamp weight	10Kg
Weight with packaging	12Kg
Frame construction material and screws	304 Stainless Steel
Operating temperature	0° C <--> 80° C
Mounting	Portable 4 wheels
Certificates	CE - LVD



Compliant with ISS COVID-19 report N.25 / 2020 «Interim recommendations on sanitation of non-health facilities in the current emergency COVID-19: surfaces, interiors and clothing "

144W UV-V germicidal trolley, suitable for use in hotels, schools, apartments, shops, hospitals and offices. Made of stainless steel. It has a lamp life of over 8000 hours. Net weight of Kg. 10.
It releases Ozone into the environment to be disinfected at 360, eliminating the bacterial load.
Disinfection with ultraviolet rays is an effective way to destroy microorganisms including bacteria, viruses, mold spores, acting on the DNA-RNA of microorganisms by irradiating with the appropriate wavelength of ultraviolet rays UV-C at 253.7nm or UV- V at 185nm with generation of Ozone gas leads to the death of the cell, after a correct exposure to rays and gases, a mortality level of virus bacteria and spores exceeds 99.9%. These destroy the DNA molecular bonds of microorganisms, producing thymine dimers in their DNA and destroying them, rendering them harmless or impeding their growth and reproduction.
The ignition times are variable depending on the power of the lamp compared to the surface to be irradiated. The dosage is measured in microwatts per second per square centimeter: µW / cm2. Dosages from 2 to 8 µW/cm2 kill 99.9% of spore virus bacteria.

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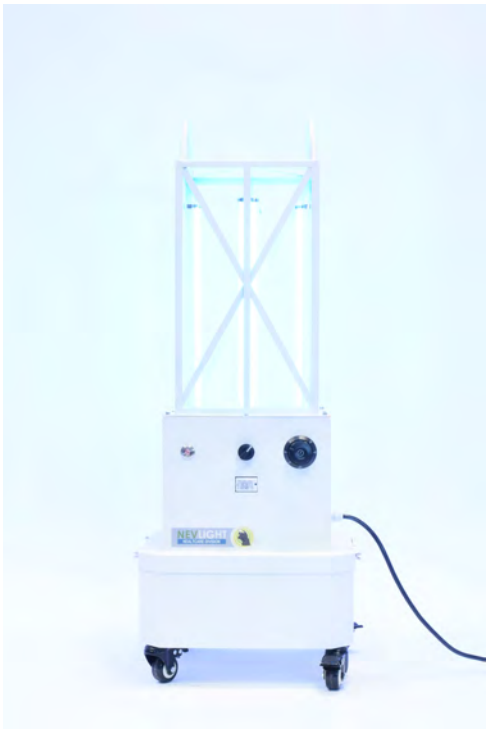
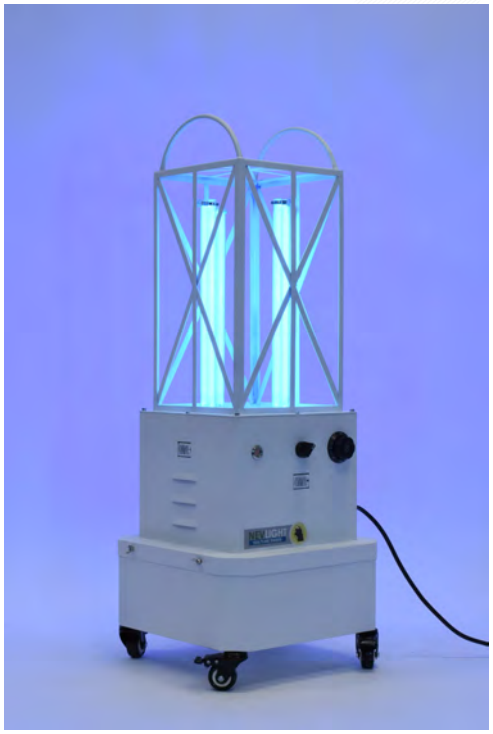
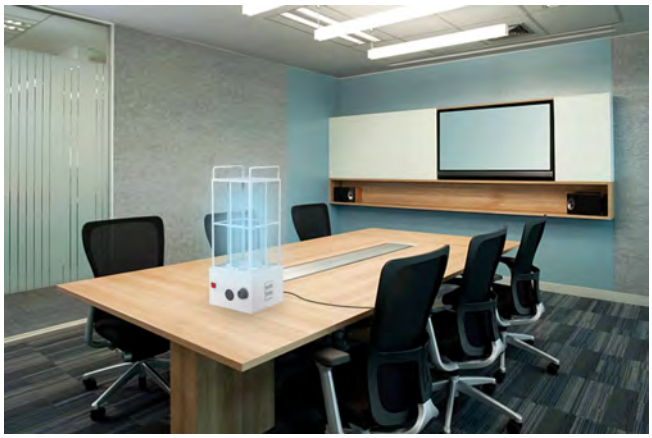
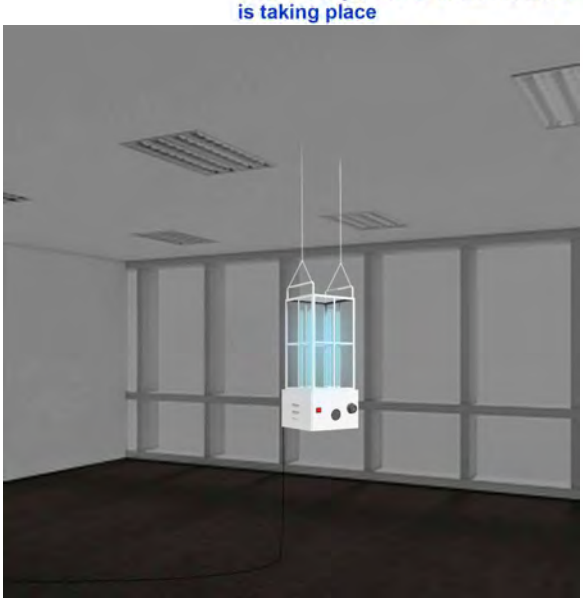






When the UVC light is turned on, place the sign at each entrance to inform the person that disinfection is taking place



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