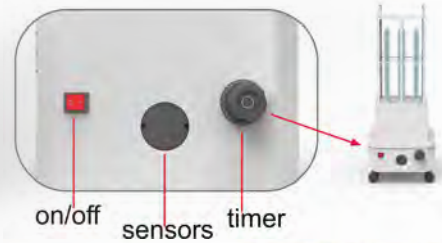
NEVLIGHT
HEALTHCARE DIVISION

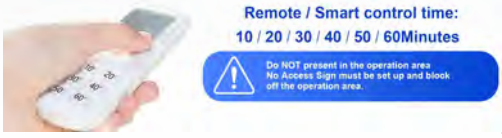
UV-C Disinfection Lamps and Systems

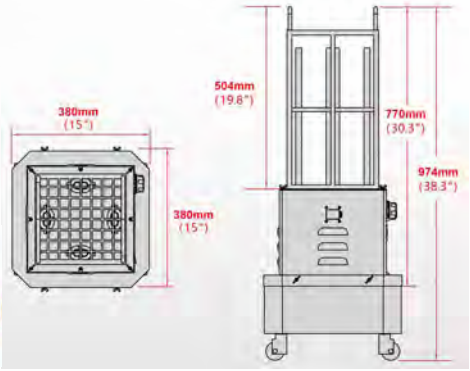
"Make Life Safer"

Disinfection trolley with UV-C emitters

TECHNICAL FEATURES	
Template	NLUVST216
Power	216w
UV wavelength	UV-C 253.7nm
Static area applicable	up to 200m²
Irradiation µw / cm²	≥660µw / cm²
UV-C action range up to linear meters	6.5mt. 360 °
Auxiliary control devices (timer and time timer, human presence sensor, ignition delay and ignition delay time)	90s delay time 0-24 Hours timer Remote control, sensors
Single tube power and number of tubes	36W / 6
Supply voltage in volts	AC 110-277V / 50Hz
Absorption in Ampere	3 A
Estimated tube life	> 8000 hours
Type of tube	Fluorescent silica tube
Lamp dimensions	380 * 380 * 974mm
Packaging dimensions	450 * 450 * 1080mm
Net weight	10Kg
Weight with packaging	12Kg
Frame construction material and screws	304 stainless steel
Operating temperature	0 ° C <--> 80 ° C
Equipment	Portability with 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 "

216W UV-C germicidal trolley, suitable for use in hotels, schools, apartments, shops, hospitals and offices. Made of stainless steel. It has a lamp life of more than 8000 hours. Net weight of Kg. 10. Projected on the area to be disinfected at 360, it eliminates the bacterial load deposited on the surfaces.
Disinfection with ultraviolet rays is an effective way to destroy microorganisms including bacteria, viruses, mold spores, by 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 the generation of Ozone gas leads to the death of the cell, after a correct exposure to rays and gases a mortality level of bacteria, viruses and spores of more than 99.9% is reached.
These destroy the molecular bonds in the DNA of microorganisms, producing thymine dimers in their DNA and destroying them, rendering them harmless or preventing their growth and reproduction.
The ignition times vary according to the power of the lamp in relation 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 virus spore bacteria.

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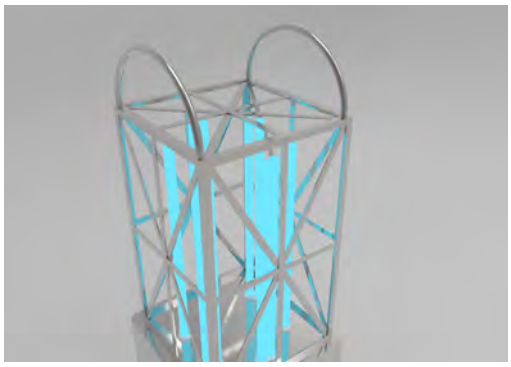
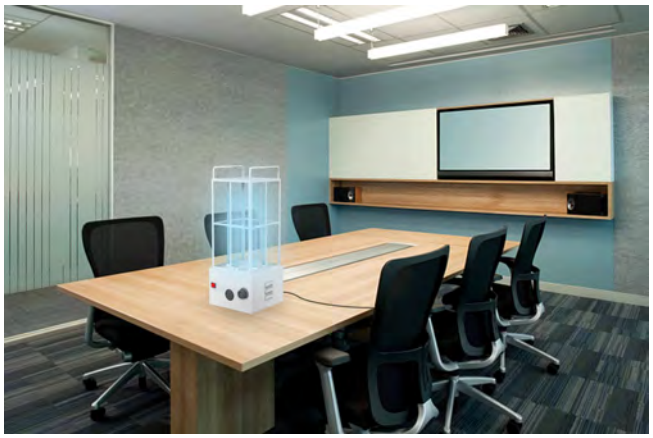
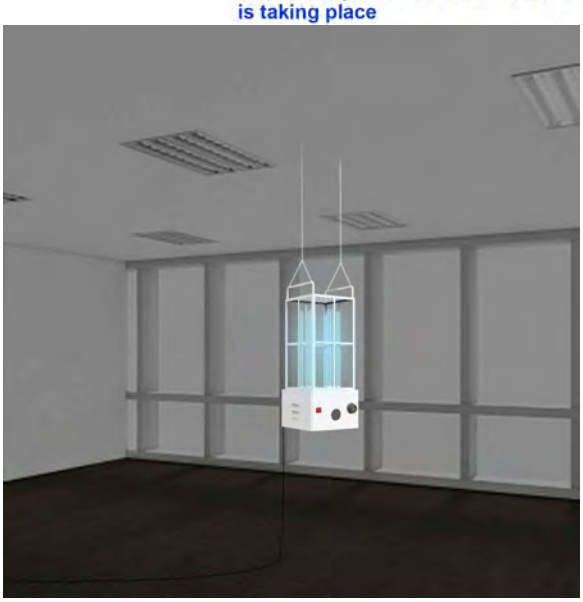








When the UVC light is turned on, place the sign at each entrance to inform the person that disinfection is taking place



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