

# FAR-UVC SANITIZING GATE IID-UVG02

## Introduction

In today's global environment, we have experienced first-hand how our connectivity leads to the exponential growth rate of infectious disease. It is therefore an easy exercise to identify locations for entry sanitization in critical infrastructure

Far-UVC has been proven to penetrate and inactivate surface pathogens, such as bacteria, parasites, fungi and viruses. And it that can be simply done by entering through Far-UVC sanitizing gate and make a slow rotation for 10 second.

Placing Far-UVC sanitizing gate next to high traffic entry point will reduce infection transmission rates.

## APPLICATIONS

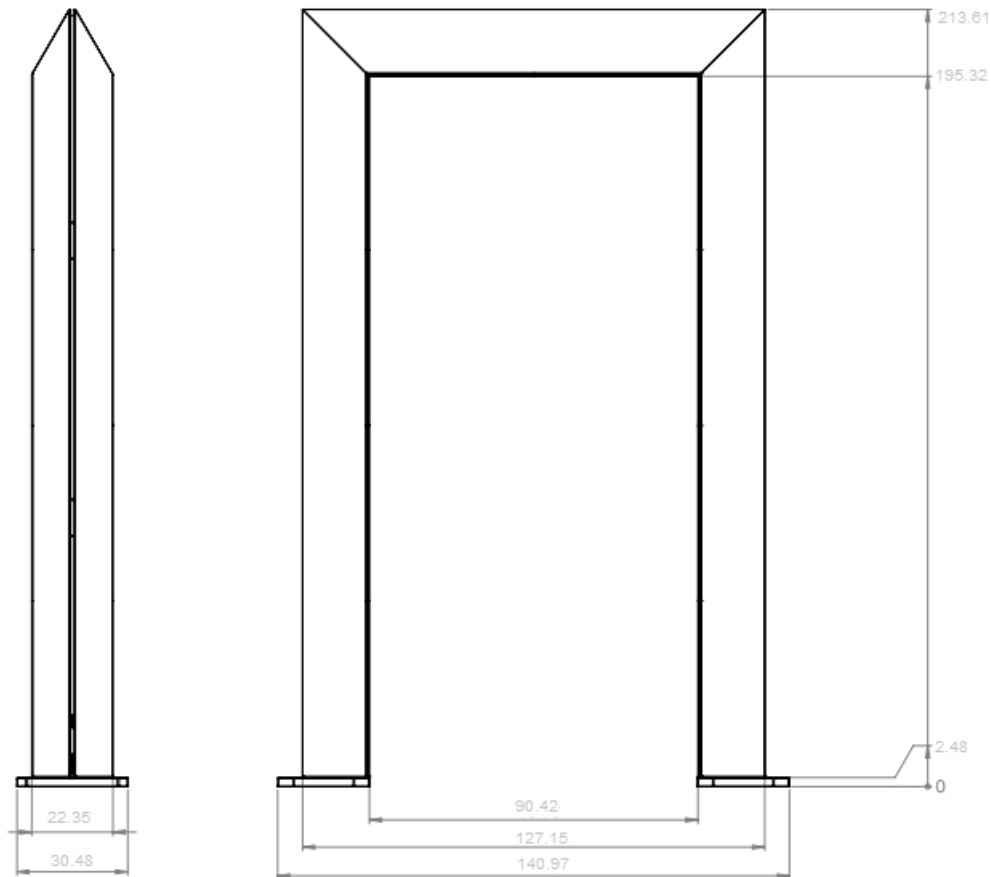
Far-UVC sanitization technology can be applied at many levels and for different sectors thus ensuring safe environment, such as healthcare clinics, hospitals, office buildings, markets, schools, daycares, prisons, and transportation facilities.



## Specifications

Item	Description
Wavelength	222 nm
No. of Transactions	≈ 800,000
Input Voltage	120-240 AC
Power	60W
Control	On/Off, Motion Sensor
Housing	Aluminum
Dimensions (Cm)	Exterior 140.97 x 213.61 x 30.48 / Interior 90.42 x 195.32 x 22.35
Mounting	Free Standing

## Dimensions



### Safety:

Early studies\* have shown that continuous low doses of far-UVC radiation results in no harm to humans. The far-UVC light does not penetrate the top layer of the skin or the tear layer of the eye. The smaller cell structure of viruses and bacteria allow the far-UVC light to penetrate and cause damage.

\*Welch, D., Buonanno, M., Grilj, V. et al. Far-UVC light: A new tool to control the spread of airborne-mediated microbial diseases. *Sci Rep* 8, 2752 (2018). <https://doi.org/10.1038/s41598-018-21058-w>

