

# Cleanse® Portal

## UV SANITIZING ENTRY GATE

While a ten second pause to reduce the spread of infection may sound like science fiction, the future is most certainly now.

Far-UVC, the Ultraviolet radiation band between 200–230 nanometers (nm), has been proven to penetrate and inactivate surface pathogens, such as bacteria, parasites, fungi and viruses. Simply step into the Cleanse Portal and make a slow 360 degree turn for a 10-12 second dosage of Far-UVC.

Early studies\* indicate no harm to humans from continuous low dosages of 222 nanometer, far-UVC light. Yet the source effectively inactivates over 90% of contaminants, based on the intensity and brief exposure time described.

Position the free-standing Cleanse PORTAL next to any high traffic or critical entry point to significantly reduce infection transmission rates.

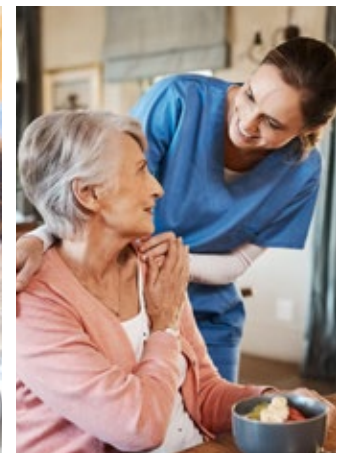


*Patent Pending*

*UV light source is not visible and distribution shown is a depiction of coverage only.*

### APPLICATIONS

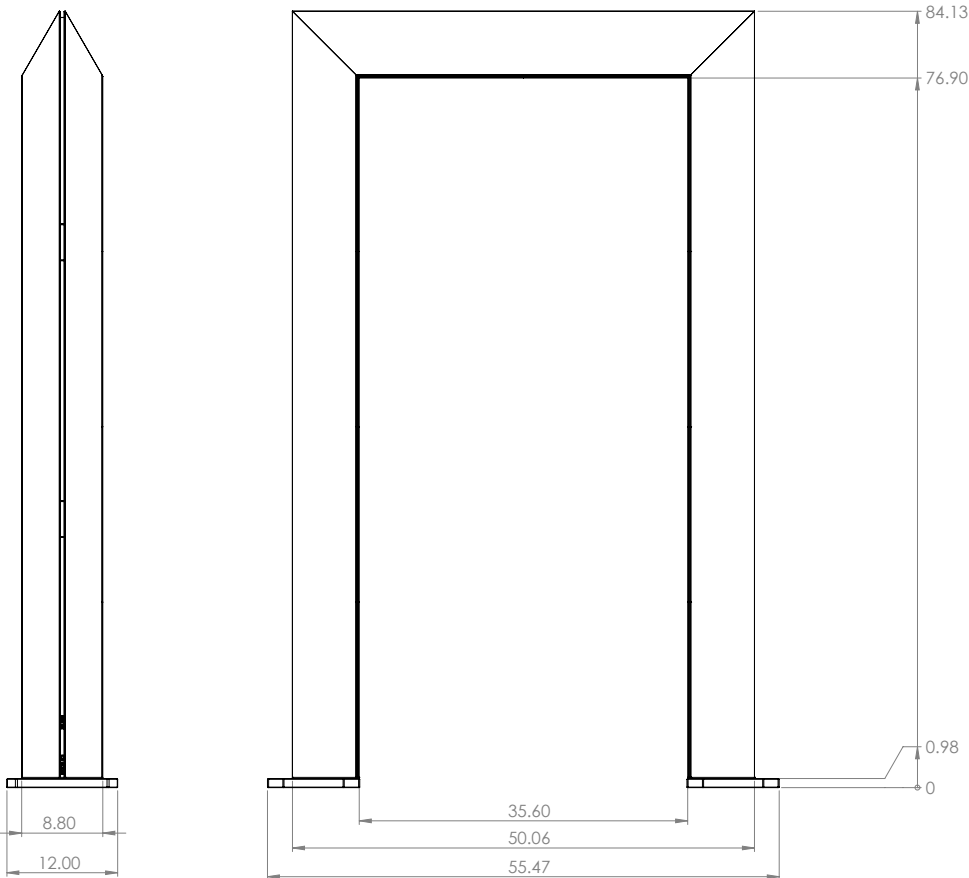
In today's global environment, we have experienced first-hand how our connectivity leads to the exponential growth rate of infectious disease. It is therefore an easy exercise to identify locations for entry sanitization in critical infrastructure, such as healthcare clinics, hospitals, medical office buildings, assisted living communities, schools, daycares, prisons, and transportation hubs.



**SPECIFICATIONS** *All data shown is nominal*

SOURCE	
Wavelength	222nm
Life	>2,000hrs
ELECTRICAL	
Input Voltage	120-240V AC, SO Cord/Plug
Power	60W
Control	On/Off, Motion Sensor
MECHANICAL	
Housing	Aluminum frame, steel base
Dimensions (w x h x d)	Exterior 55.5 in x 84.1 in x 12.0 in / Interior 35.6 in x 76.9 in x 8.8 in
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>

**CONTACT US**

*To learn more about the Cleanse PORTAL and how Healthe products are harnessing the ingredients of light to promote health and wellness, please visit [www.healthelighting.com](http://www.healthelighting.com), or contact us directly.*