

## SURFACE & AIR DISINFECTION

# ALTUM

## 222 nm Far-UVC Disinfection Gate

Altum is a technologically advanced disinfection gate that ensures safety against harmful pathogens at the entry/exit points of various commercial and non-commercial spaces. Altum is equipped with 12 Bonzer lamps (20W), all of which emit 222 nm Far-UVC light that eliminates deadly viruses, molds, bacteria, and spores. The lamps (20W) incorporate PIR sensors which allow automated operations.



### PRODUCT FEATURES

- Effective in killing viruses, molds, bacteria, and spores
- Does not cause irritation to eyes or skin
- Mercury-free with minimal ozone emission
- Renders high UV output and low heat output
- Has a 222 nm peak wavelength
- Integrated PIR sensor that allows automated operations
- Incorporates LCD control board with remote control
- Incorporates safe filter technology
- Compatible for wide operating temperature
- Incorporates 12 Excimer lamps (20W) protected quartz glass

### APPLICATION AREAS

Schools, Hospitals, Restaurants, Office Buildings, Retail Spaces, Hotels, Lobbies, Public Toilets, Public Transportation Hubs, Commercial Locations, Other Public Areas, Industrial Parks

### PRODUCT SPECIFICATIONS

<b>Power</b>	280 W
<b>Power Each Lamp</b>	20 W
<b>Dimensions</b>	41.22 x 15.74 x 90.55 in
<b>Expected Lifespan</b>	3000+ Hours
<b>Lamp Luminous Efficiency</b>	(lm/W) 8000
<b>Lighting solutions service</b>	222 nm Far UVC Disinfection
<b>Voltage</b>	AC 100 V - 240 V
<b>Frequency</b>	50/60 Hz
<b>Light Source</b>	Quartz Tube

<b>UV Wavelength</b>	Far-UVC 222 nm
<b>UV Optical Power</b>	25806.4 $\mu\text{W}/\text{in}^2$
<b>Switch Mode</b>	Remote Control
<b>Number of Lamps</b>	14 Filtered 222 nm Far UVC
<b>Beam Angle</b>	60°
<b>Safety Requirement</b>	Mercury-Free
<b>Switch Mode</b>	Remote Control
<b>Materials</b>	Stainless Steel Ti-Plated Mirror
<b>Storage Environment</b>	Dry and Ventilated Environment