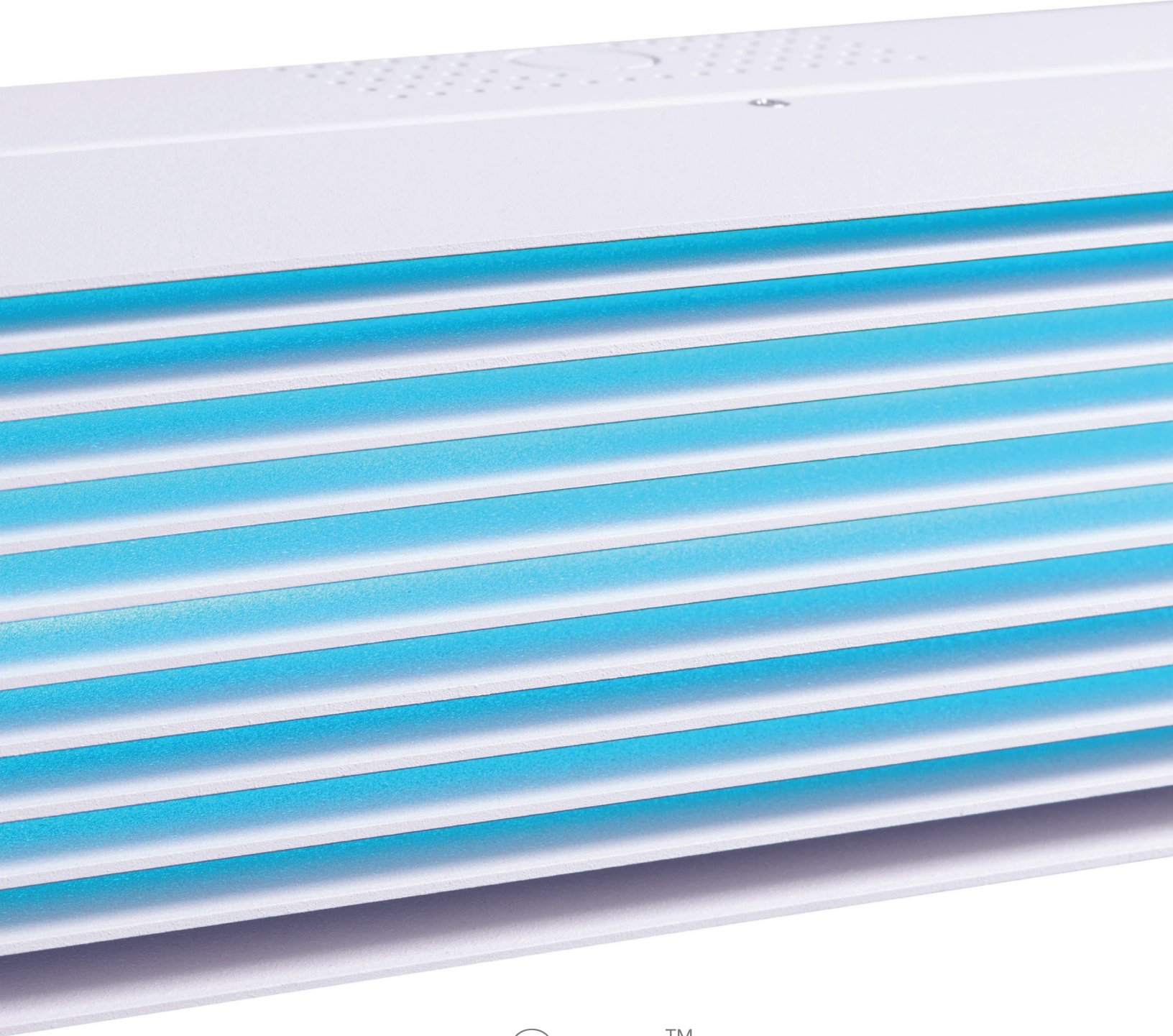


# How to Kill Covid-19 With A 36" Light Fixture?



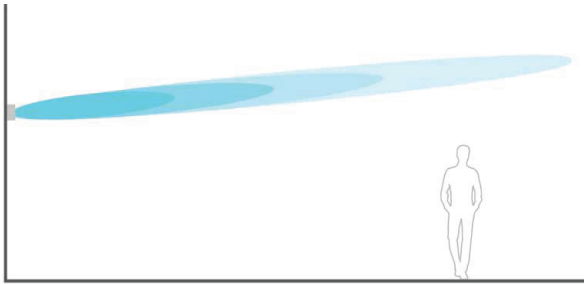
Clean™

by

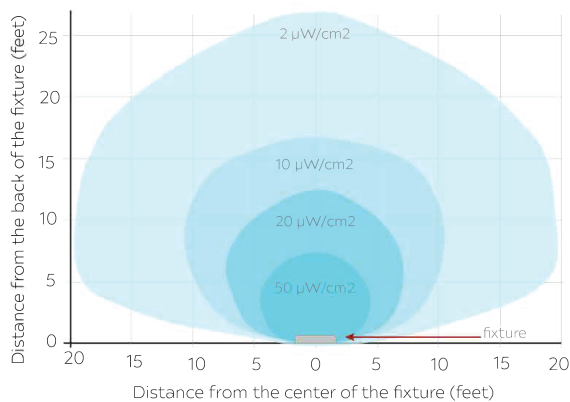


VGS | S T U D I O

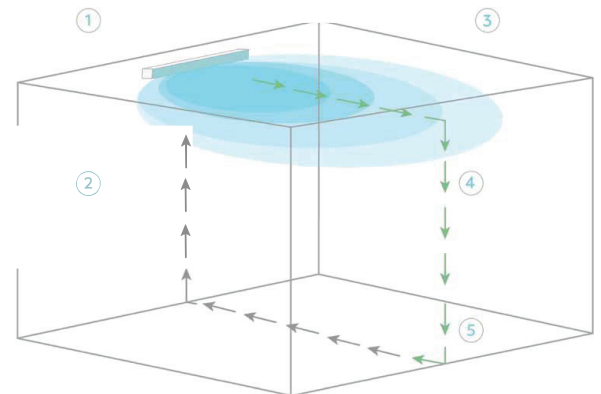
## How It Works



Upper-Room GUV consists of installing specially designed UV-C fixtures that irradiate air at minimum 7 feet above ground. The UV-C fixture immediately, constantly and safely disinfects large volumes of room air above occupant's heads, and is the most effective way to deactivate ANY airborne virus or bacteria (all by using natural air circulation).

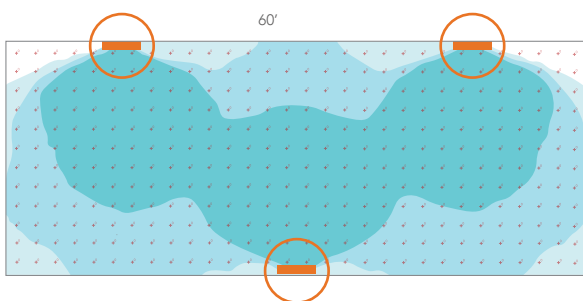


Coverage up to 750 Sq. Ft.  
Per Fixture



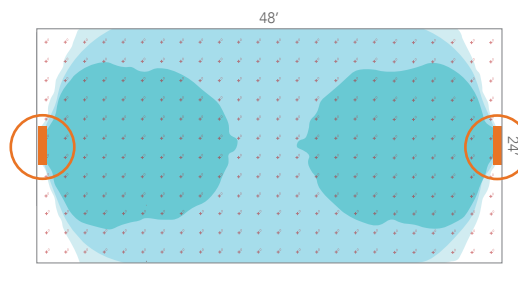
Continuous Air Purification  
through natural air flow, circulating  
clean air every 6-8 minutes

## Placement Strategy



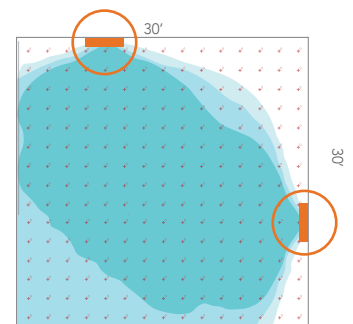
1,440 SQ. FT.

Figure 3.1  
Upper Average UVC Irradiance  
 $11.38 \mu\text{W}/\text{cm}^2$



1,152 SQ. FT.

Figure 2.4  
Upper Average UVC Irradiance  
 $10.36 \mu\text{W}/\text{cm}^2$



900 SQ. FT.

Figure 2.2  
Upper Average UVC Irradiance  
 $12.80 \mu\text{W}/\text{cm}^2$



# Design



## Louvers

Unique design to direct ultraviolet rays 4-degrees to the upper portion of the room.

## Aluminum

The fixture is made of high quality resistance aluminum for unparalleled strength, durability, light weight, and an attractive finish.

## Lampholder

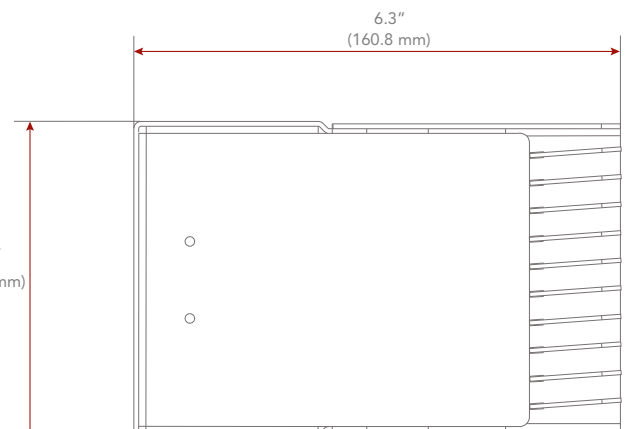
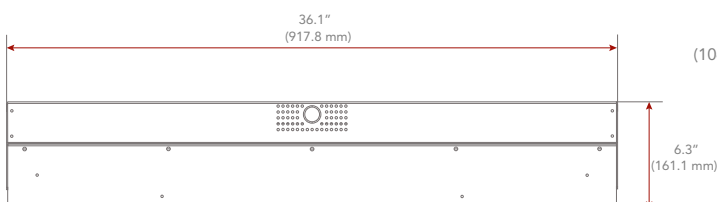
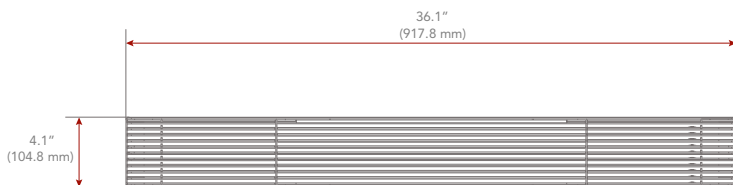
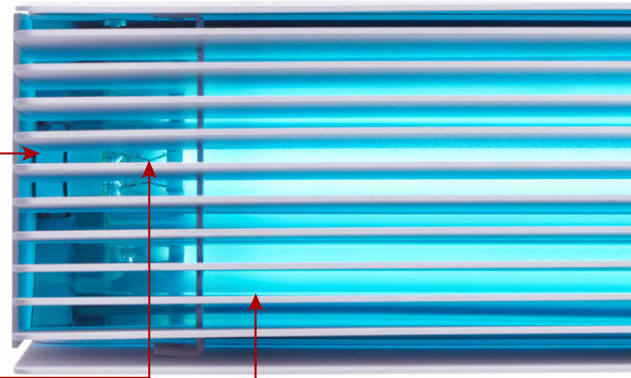
The safety of your lamp is assured by the rotated-loaded holder. Conveniently and easily change the lamp.

## UV Germicidal Lamp

A top-quality automatic lamp that provides sustained output and longevity.

## Polished Reflector

The device maximizes ultraviolet intensity thanks to its special polished reflector on the interior walls.



# Advantages

## Economical

Less power consumption at a time when electricity costs are skyrocketing.

## Safe

Germicidal UV wavelength emitted at the upper area of the room only.

## Fast

Works in seconds to make the room safe for its occupants.

## Automatic

Continuously disinfects without requiring any input from your end.

## Durable

Made of high-quality durable aluminum specialized to last longer.

## Low Maintenance

Lamp replacement after 9,000 hours of use and every 6-month periodic cleaning is all that is required.

## Electronic Ballasts

Germicidal electronic ballast offers these advantages over conventional ballasts:

- Deliver high germicidal UV lamp output
- Lightweight
- Operate cool for longer life
- Versatile—each operates a wide range of lamps
- Save energy through high efficiency
- Provide silent operation

## Finishes



Black

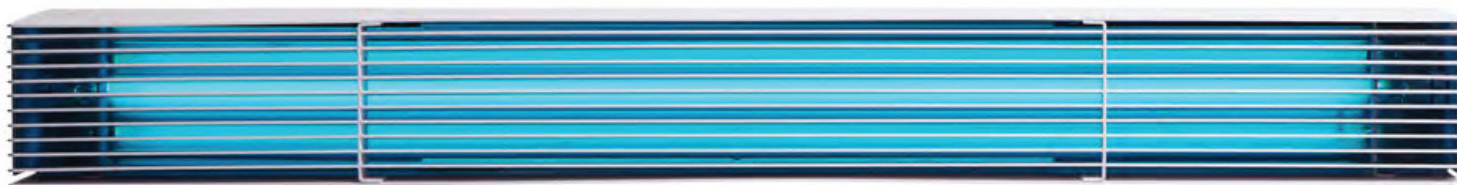


White



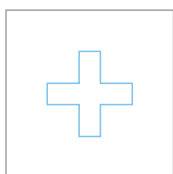


# Applications

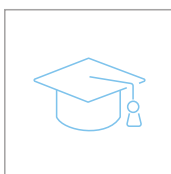


The application of UV-C has been widely accepted since the mid-20th century. AIR 1 upper-room germicidal UV can be used in a wide range of industries as long as the space has high ceilings and air flow conditions either by a ceiling fan or an AC unit.

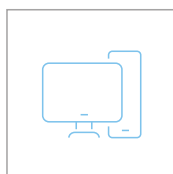
## Who's Using It?



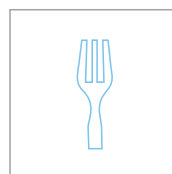
Hospitals /  
Medical



Universities /  
Schools



Office  
Buildings



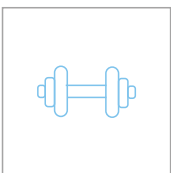
Food  
Industry



Household



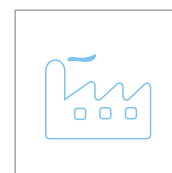
Hospitality /  
Hotels



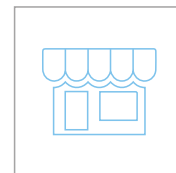
Gymnasiums



Beauty  
Shops



Manufacturing  
Industry



Retail  
Stores

## In The News



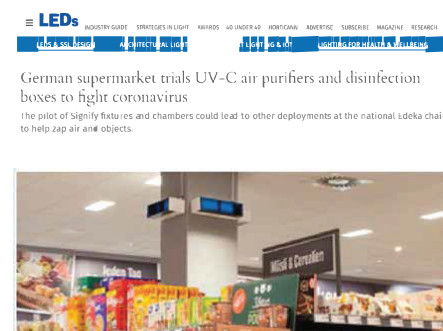
### The New York Times

Scientists Consider Indoor Ultraviolet  
Light to Zap Coronavirus in the Air



### FSG Magazine

American Schools using UVC for air  
disinfection for the upcoming year.



### LEDs Magazine

German Supermarket to use UVC for  
air disinfection to fight COVID-19.

# Technical Specifications

Model	Power	Irradiation at 1m	UV Power	Voltage	Exterior Housing Dimensions			Rated Average Lamp Life
					Length	Height	Depth	

How to order:

CL-A1-3FT-   54 W 185  $\mu$ W/cm<sup>2</sup> 17.5 W 120-277 V 36.1" (917.8mm) 4.1" (104.8mm) 6.3" (161.1mm) 9,000 Hours

WH - White  
BK - Black

- Wattage is Lamp Watts including ballast loss (approximate).
- Output at 254 nanometers at 100 hours and 80 degrees F (approximate).
- Bottom of fixture must be installed at a minimum height of 7 feet above the floor.



UV Germicidal Equipment and Systems / NEC / CEC / CSA

For more information please contact VGS directly by filling out the form here ([click to view](#)).



**WARNING:** Germicidal ultraviolet rays are harmful to the eyes and skin.  
Avoid exposure to direct or reflected germicidal ultraviolet rays.

## Cost Comparison Analysis

	<b>CLean AIR1</b>	Hygeaire	Light Progress	American Ultraviolet	Aerapy	Lumalier	ELEDLIGHTS	Ultravation
UL Certification	<b>YES</b>	NO	NO	NO	No	No	Yes	No
Average Disinfection Reach at 10 $\mu$ W/cm <sup>2</sup>	<b>500 SQ.FT.</b>	250 SQ.FT.	200 SQ. FT.	300 SQ. FT.	250 SQ. FT.	120 SQ. FT.	400 SQ. FT.	225 SQ. FT.
Aesthetically pleasing	<b>YES</b>	No	No	No	No	No	No	No
Multiple finishes availability	<b>YES</b>	No	No	No	No	No	No	No
Average Retail Cost	<b>\$1,098 USD</b>	\$875 USD	\$1,150 USD	\$1,064 USD	-	\$1,600 USD	\$995 USD	\$1,2010 USD
Electrician required	<b>No</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Kinetic wireless switch	<b>YES</b>	No	No	No	No	No	No	No