



## UVC 2x2 Direct | Indirect Troffer

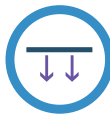
### Combines Direct UVC & Ambient Light Technology

CATR-DI Series | Indirect / Direct

#### PRODUCT FACTS



**Surface**  
Disinfection



**Direct**  
GUV Distribution



**Unoccupied**  
Space Option

## ENHANCED AIRBORNE PATHOGEN DEFENSE SYSTEM

# OCCUPANT FREE UV SOLUTIONS

#### KEY PRODUCT FEATURES, DETAILS & SPECS

- Engineered with the latest in UVC technology to inactivate viruses
- Combines direct UVC lamps with an indirect/direct ambient LED luminaire
- UVC wavelength at 254nm
- Installs like any LED troffer luminaire, no special installation steps required, simply 'plug & play'
- Ambient LED up to 105 LPW provides 60+% in energy savings vs. legacy fluorescent troffers



#### STOCK ORDERING INFORMATION (typical 2-3 day shipment lead time)<sup>1</sup>

| Catalog Logic/PT#             | Model #  | UPC          | Size | Lumens | LED Watts | System Watts | CCT   | CRI      | Voltage  | Dimming |
|-------------------------------|----------|--------------|------|--------|-----------|--------------|-------|----------|----------|---------|
| CATR-DI22-4200LM-8-40K-MV-LVD | 64208101 | 849489066851 | 2x2  | 4200lm | 40W       | 90W          | 4000K | 80 (min) | 120-277V | 0-10V   |

Notes:

1. Stock SKUs typically ship in 24-48 hours upon receipt of an approved released order.

\*Tested on Influenza A Virus H1N1 on high speed mode for 40 minutes, placed 9 FT away from the blue position in the chamber. Removed 99.9% of Influenza A Virus H1N1 from the air. Not yet tested on SARS-CoV-2 (commonly known as COVID-19).

Not proven to kill SARS-CoV-2 or prevent the transmission of Covid-19. No air treatment device prevention of virus transmission. We recommend following CDC guidelines.



# UVC 2x2 Direct | Indirect Troffer

CATR-DI Series | Indirect / Direct



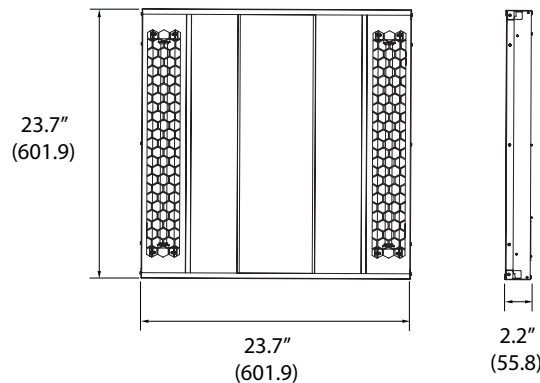
## SYSTEM OVERVIEW

The Blue Halo product line offers a range of GUV products for deeper surface and air treatment. Ranging from UVC devices for schools, shops, and healthcare facilities to purifiers and cleaners meant for the home. Blue Halo products are designed to keep your home and work environment safe. Blue Halo products keep the air we breathe and the surfaces we touch clean and healthy.

## MISCELLANEOUS PRODUCT SPECS & DETAILS

|                                |                        |
|--------------------------------|------------------------|
| <b>UV Source</b>               | Lamp                   |
| <b>UVC Wattage</b>             | 50W                    |
| <b>UV Irradiance</b>           | 161.48 @1m - 16.86 @3m |
| <b>UV Lifetime</b>             | 7,000 hrs              |
| <b>UV Wavelength</b>           | 254nm                  |
| <b>Power Factor</b>            | > 0.90                 |
| <b>THD</b>                     | < 20%                  |
| <b>Frequency</b>               | 50/60 Hz               |
| <b>Low Temp LED &amp; Lamp</b> | 0° C (32° F)           |
| <b>Max Temp LED &amp; Lamp</b> | 35° C (95° F)          |
| <b>Unit Weight</b>             | 22.0 lbs               |

## KEY DIMENSIONAL INFORMATION



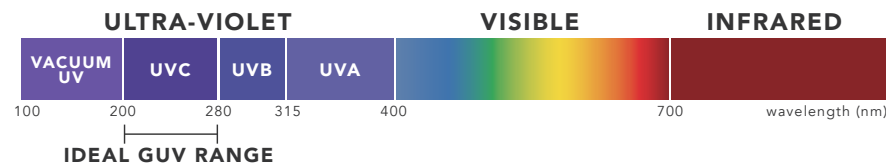
Note: All dimensions are shown in inches (millimeters).

## UVC WARNINGS AND SAFETY

Warning: UVC exposure is harmful to humans and animals. Prevent any exposure by leaving prior to the unit turning on. In severe cases, headache, dizziness, increased body temperature, eye irritation, or decreased vision, skin irritation, itching, swelling, etc. Please consult your doctor immediately.

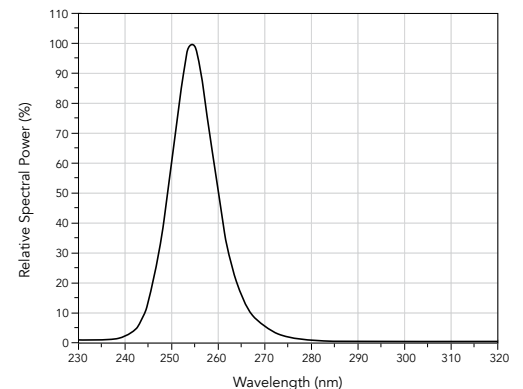
Safety: 1. The product cannot be used for lighting purposes. 2. This product is only intended for disinfecting surface objects and surrounding air. This product is not to be used to disinfect the human body and can be dangerous to humans and animals. 3. Use with caution, damage can occur to objects that are not resistant to ultraviolet rays. 4. After disinfecting, please put away the product and the remote control to avoid accidental light on and accidental injury. 5. If UV disinfecting lamp is accidentally broken, handle with extreme care. Ventilate the area and use gloves to clean up. The lamp contains mercury do not vacuum up with a standard vacuum cleaner as it can create dust & mercury vapor. 6. If the lamp accidentally touches skin, wash thoroughly. Handle broken glass with gloves. 7. This product is not food rated or to be used over food prep areas.

## UV LED SPECTRUM DETAILS



- GUV (Germicidal Ultraviolet) is an effective and proven technology in use for over 35-years
- The short ultraviolet wavelengths in the photobiological band "UVC" is ideal in eliminating bacteria
- The UVC range is outside the visible spectrum of "light" that can quickly kill bacteria & inactivates viruses
- Thanks to its fast efficacy, GUV within the UVC range is great for air treatment
- The effectiveness is set by the exposure dosage in irradiance & time (how much & how long)
- Direct exposure to GUV within the UVC range can be a safety & health hazard to both the skin & eyes

CATR-DI Series UVC LED Spectrum



All specs are subject to change w/o notice & all reported values are nominal/typical measured under lab conditions @ 25° C (77° F).  
 \*\*All references to "disinfection" are referring to the general reduction or inactivation of potential pathogens within a space.  
 \*\*ETI SSL and its parent company does not promise/warrant the use of Blue Halo products will protect or prevent any end user from contamination and/or infection by any bacteria, mold, fungi, virus, illness or disease.