



SilentAire UVC 2x2 Direct | Indirect Troffer 3-CCT ColorPreference® & Onboard Control Panel

SATR-DI Series | Ambient Lighting with Internal UVC Air Disinfection**

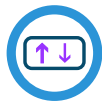
GERMICIDAL PRODUCT FACTS



Air
Disinfection



People
Safe Solution



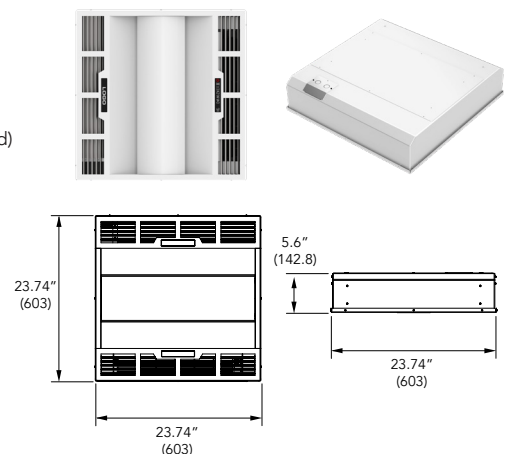
Enclosed
GUV Distribution

ENHANCED AIRBORNE PATHOGEN DEFENSE SYSTEM

100% PEOPLE SAFE GERMICIDAL UV SOLUTIONS

KEY PRODUCT FEATURES, DETAILS & SPECS

- Engineered with the latest in UVC germicidal technology to inactivate bacteria, mold & viruses
- Integral SilentAire fan system draws in ambient air to help continuously facilitate air disinfection
- A sealed internal UVC LED germicidal disinfection chamber ensures zero direct UVC exposure
- 100% safe for use while the space is occupied (with no special controls, safety measures or training req'd)
- SilentAire fan system returns the UVC treated & disinfected air back into the space
- Ambient LED performance equal to 50W @ 4,800 lumens (135W SilentAire system wattage)
- Ambient LED up to 96 LPW provides 60+% in energy savings vs. legacy fluorescent troffers
- Installs like any LED troffer luminaire, no special installation steps required, simply 'plug & play'
- Ambient lighting to be DLC Standard qualified for energy savings & potential energy rebates
- ColorPreference® field selectable 3-CCT for added design flexibility (3000K, 4000K, 5000K)
- Onboard control panel and remote control allows you to easily monitor and change settings



STOCK ORDERING INFORMATION (typical 2-3 day shipment lead time)¹

Catalog Logic/PT#	Model #	UPC	Size	Lumens	LED Watts	LPW	System Watts	CCT	CRI	Voltage	Dimming	DLC ²
SATR-DI22-4500LM-8-3CP-MV-LVD	64207101	849489066844	2x2	4,800	50.0	96.0	135.0	3-CCT	80 (min)	120-277V	0-10V	Pending

Notes:

1. In-stock inventory due early Q4 2021, specs subject to change (contact factory for availability).

2. DLC is currently PENDING.

Search first 8-digits of the model # followed by '##' on the DLC QPL to view DLC qualified SKUs.
(Ex. '642071##')



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AVAILABLE STOCK ACCESSORIES (must be ordered separately)



Additional Performance Accessories (requires field installation)

Catalog Logic/PT#	Model #	Description
EMA40FY-170 ¹ (G3)	70114402-2	Square, 40W, IP rated, 90 minutes
EMUFO-40170-YY ¹ (G3)	70114401-2	Round, 40W, IP rated, 90 minutes
EM-R-TEST-REMOTE ²	70203101	Round BBU handheld test remote

Notes:

1. BBUs certified in CA Title 20 MAEDBS. (search by Catalog logic/PT#, Ex. 'EMA40FY-170')
2. BBU handheld test remote compatible w/ Round BBUs only

MISCELLANEOUS PRODUCT SPECS & DETAILS

Load Information

Power Factor	> 0.90
THD	< 20%
Frequency	50/60 Hz
Sound Rating	TBD dBA
Low Temp LED & Lamp	-10° C (14° F)
Max Temp LED & Lamp	45° C (113° F)
Low Temp Fan	-10° C (14° F)
Unit Weight	22.0 lbs

SILENTAIRE GERMICIDAL UV & FAN SPECIFICATIONS & DETAILS

UV Source	UV Wavelength	UV Irradiance	UV Wattage	UV Lifetime	Air Flow Rate	Fan Sound Rating	Fan Wattage	Fan Lifetime
Lamp	254nm	165 uW/cm ²	50.0	7,000 hours	TBD CFM	TBD dBA	35.0	50,000 hours

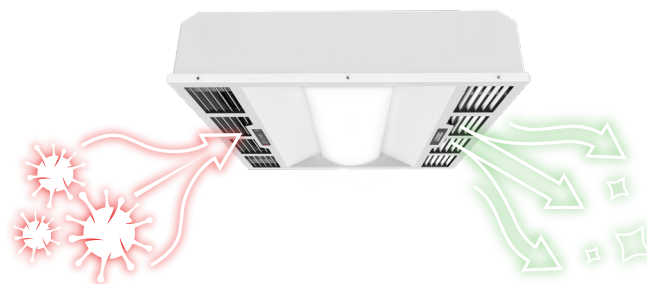
SILENTAIRE SYSTEM OVERVIEW

ETi SSL's SATR-DI SilentAire UVC 2x2 Direct | Indirect Troffer is a hybrid lighting solution that combines traditional LED ambient illumination with SilentAire's internal ultraviolet germicidal air disinfection system that does not allow any direct exposure to UVC. No specialized controls, safety measures or training required. All SilentAire products are 100% 'People Safe' when in use and the space is occupied vs. direct UVC solutions that can be a health and safety risk if not properly operated.

SilentAire products are engineered with an integral quiet fan system designed to continuously funnel contaminated ambient air through an internally sealed UVC germicidal disinfection chamber. UVC technology is proven to effectively kill or inactivate many types of bacteria, mold, fungi and viruses. The system then returns pathogen free air back into the occupied space.

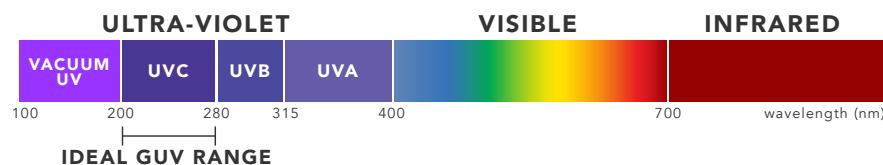
Simply install SATR-DI products like any traditional LED troffer luminaire with 'plug & play' operation to help create safer people spaces against airborne pathogens. Pair with additional SilentAire and CleanAire™ germicidal solutions to build an enhanced defense system against current and future pathogens.

100% PEOPLE SAFE GERMICIDAL UV AIR DISINFECTION**



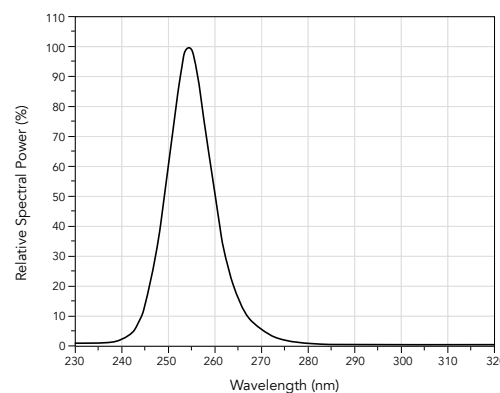
1. Integral fan & the space's HVAC system helps to funnel in contaminated ambient air
2. Fully enclosed UVC disinfection chamber kills or inactivates pathogens & viruses
3. Pathogen free air is returned to the space, helping to increase air changes per hour

GERMICIDAL UV LED SPECTRUM DETAILS



- GUV (Germicidal Ultraviolet) is an effective and proven disinfection technology in use for over 35-years
- The short ultraviolet wavelengths in the photobiological band "UVC" is ideal in eliminating pathogens
- The UVC range is outside the visible spectrum of "light" that can quickly kill bacteria & inactivates viruses
- Thanks to its fast germicidal efficacy, GUV within the UVC range is great for air & surface disinfection
- Germicidal 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
- SilentAire's sealed germicidal UVC chamber eliminates direct exposure & is 100% people when in use

SATR-DI22 Series UVC LED Spectrum



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All specs are subject to change w/o notice & all reported values are nominal/typical measured under lsb 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 SilentAire products will protect or prevent any end user from contamination and/or infection by any bacteria, mold, fungi, virus, illness or disease.

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