

## 2X2 Recessed Troffer Mount Germicidal UV-C Fixture - 120/277V AC - (2) Standard T8, (1) UVC - kill 99% of viruses

**GAU-TRF-2X2-3L-LVR-VISUVC-T8-V1**



### **This unit is Made In USA - Manufactured in Texas**

#### **GAU-TRF-2X2-3L-LVR-VISUVC-T8-V1 Recessed Troffer Mount UV-C Sanitation Light**

#### **Ratings**

**Unit Type:** UV-C Germicidal Fluorescent Troffer Light  
**Lamp Technology:** Standard and UV Fluorescent - Sanitation  
**Lamp Qty:** (2) Standard T8, (1) UVC

Micro-Perforated Steel Diffuser  
Built-in Earthquake Brackets

**Dimensions:** 2' x 2'

**Weight:** -

**Voltage:** 120-277V AC, 50/60 Hz

**Total Watts:** 51W

**Single-lamp Watts:** 17W

**Single-lamp UV-C Output:** 4.5W

**UV Wavelength:** 200nm - 280nm (254nm)

**Maximum Area Coverage:** 200 Square Feet (Depending on Mounting Height)

**Lamp Type:** (2) Standard T8, (1) UV-C Fluorescent T8

**Lamp Base:** G13 Bi-Pin

**Replacement Lamp:** -

**Beam Angle:** -

**Lighting Configuration:** Flood Pattern

**Power Factor:** -

**Operating Temperature Range:** -

**Housing:** Cold Rolled Steel

**Finish:** Flat White Polyester Finish

**Mounting:** Troffer in Inverted T-Bar Grid Ceiling

**Cord:** -

#### **Special Orders - Requirements**

Contact us for special requirements

**Phone:** 1-214-616-6180

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\*\*\*PLEASE NOTE: UV-C light can cause temporary or permanent loss of vision, and temporary acute redness or ulceration (mild to severe sunburn) to exposed skin. To prevent exposure, do not operate the device in any application that allows UV-C light to be visible during operation. NEVER LOOK DIRECTLY AT THE BULB OR DISINFECTING TARGET ZONE. DO NOT touch bulb with bare hands. The oils in your skin will damage the lamp. Fingerprints will result in reduced performance and significantly reduce the lifespan of the lamp unless they are removed with alcohol. Please read instruction manual for UV safety requirements before operating.\*\*\*

### **This unit is Made In USA - Manufactured in Texas**

The GAU-TRF-2X2-3L-LVR-VISUVC-T8-V1 from Larson Electronics is a UV-C Germicidal Recessed Troffer Mount Fluorescent Fixture that offers high light output from a compact form factor, making it suitable for disinfecting kill 99% of viruses, bacteria, mold, and spores and bacteria in large facilities. This 51-watt fixture operates on 120-277V AC @ 50/60

**H2. The dual-lighting unit features standard white output via two T8 lamps and UV-C light via one UV lamp.**

***\*Please note: This product produces UV light. Make sure to follow all safety guidelines and protocols found in the user manual. UVC light in the proper setting kills up to 99.9% of viruses, mold, spores and bacteria. [Click here to learn more about UVC and the corona virus](#)\****

***\*PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO POWER DISTRIBUTION PANELS, TRANSFORMERS, OR SUBSTATIONS\****

The GAU-TRF-2X2-3L-LVR-VISUVC-T8-V1 UV sanitation fixture is a 2-foot long by 2-foot wide, powerful 3-lamp lighting solution for sanitation in general areas. This 51-watt troffer mount unit consists of two standard 17-watt T8 fluorescent and one UV-C fluorescent bulbs. The UV-C lamp provides 4.5 watts of UV-C output at a range of 200nm - 280nm (254nm). Equipped with an expected lifespan of 8,000+ hours, the lights emit a flood beam pattern. There is a switch that allows operators to change from standard white-output illumination to UV-C germicidal or sanitation lighting.

The housing on this sanitation unit is constructed of direct/indirect formed cold rolled steel housing with a nanoceramic treatment for enhanced resistance to corrosion, and topped off with a flat white powder coat finish. This recessed troffer mount fixture also includes built-in earthquake brackets for resistance to violent vibrations.

**Mounting:** The low profile allows operators to install it in shallow or compact spaces. This troffer mount UV-C germicidal fixture is for recessed mounting in inverted T-Bar grid ceilings.

**Note on Environment:** Sunlight and visible light fixtures do not impact the effectiveness of the disinfecting on this UVC sanitation product. Metal halide, high pressure sodium, fluorescent, and LED light fixtures can be left on. The UV radiation emitted from this product is not disrupted by any type of lighting in the environment. Put simply, NO it DOES NOT need to be dark in the area you plan to disinfect. The UV radiation is harmful to the eyes and skin, and that is why you should not be in the area while it is in operation. Please see user manual for additional safety information.

**Applications:** Sanitation, disinfection, kill 99% of viruses, bacteria, mold, and spores, retail spaces, lobbies, commercial locations, industrial parks, schools, public transportation hubs, airports, office buildings, medical centers and more. Larson Electronics is a manufacturer and as such can build stationary and portable transformer systems to your specifications. Although we carry several models of power distribution transformer systems, we can deliver custom ordered units almost as quickly as our prebuilt units. If this model does not meet your needs, please contact us at 1-800-369-6671 or [sales@larsonelectronics.com](mailto:sales@larsonelectronics.com) to discuss your specific requirements.

## Frequently Asked Questions (FAQ)

**Q. How long does the fixture need to operate to kill viruses?**

A. 30 minute exposure time is required for killing viruses

**Q. What if I want to disinfect a larger area than the square footage that is listed in the specifications of this product?**

A. You can move the product and cover other areas. Each time the unit is moved, the exposure time starts again.

**Q. What if obstacles are in the way of the UV light while it is disinfecting?**

A. You will need to move objects around and disinfect again for another 30 minutes. If the cart does not have direct line of sight, it will not disinfect. This is a non-ozone UV generating product so it does not penetrate through solid surfaces and will not reflect and clean the underside of objects or behind objects. If you do not have direct line of sight from the light, you will need to move it around or move the obstacles to create proper exposure.

**Q. Does this product come with UV lamps**

A. Yes. This product will ship with UV lamps. The required UV lamps are included with your purchase.

**Q. Is this unit safe to use in occupied areas?**

A. No. This unit produces UV radiation. UV radiation is NOT safe for your skin or eyes. Please read manual for UV safety requirements.

**Q. Do I need to wear protective gear?**

A. Yes. UV radiation is NOT safe for your skin or eyes. Please read manual for UV safety requirements.

**Q. Is this product skin safe or eye safe?**

A. No. UV radiation is not safe for the eyes or skin. Please read manual for UV safety requirements.

**Q. Does this product generate ozone?**

A. No. UV lights can be made as ozone-producing or non-ozone producing. Ozone producing lamps leaves radiation in the atmosphere and require a 20-30 minute time after lamps are turned off before the radiation levels dissipate to a safe level before you can re-enter the room/area. The products that Larson Electronics manufactures DO NOT use ozone-producing lamps. This means that the radiation stops the second the light turns off. Once the light is turned off, it is safe to return to the area being disinfected by the light. Please read manual for UV safety requirements.

**Q. Does this product kill the SARS-CoV-2 coronavirus?**

A. Please see below link for effectiveness against viruses, including the 2019 SARS-CoV-2 coronavirus:

<https://www.larsonelectronics.com/images/product/LightingFacts/266985.PDF>

**Q. Does this product kill COVID-19?**

A. COVID-19 is the disease created from the SARS-CoV-2 coronavirus. Please see below link for effectiveness against viruses, including the 2019 SARS-CoV-2 coronavirus:

<https://www.larsonelectronics.com/images/product/LightingFacts/266985.PDF>

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