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GAU-TRF-2X4-4L-LVR-UVC-T8-V1

160W 2X4 Recessed Troffer Mount Germicidal UV-C Fixture - 120/277V AC - (4) T8 Fluorescent Lamps - Kill 99% of Viruses

Product ID: 273577

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

This unit is Made In USA - Manufactured in Texas

GAU-TRF-2X4-4L-LVR-UVC-T8-V1 Recessed Troffer Mount UV-C Sanitation Light

Unit Type: UV-C Germicidal Fluorescent Troffer Light
Lamp Technology: UV Fluorescent - Sanitation
Lamp Qty: (4)
Dimensions: 2' x 4'
Weight: -
Voltage: 120-277V AC, 50/60 Hz
Total Watts: 160W
Single-lamp Watts: 40W
Single-lamp UV-C Output: 14.3W
Total UV-C Output: 57.2W
Irradiance @ 3ft: 117 uW/cm2
UV Wavelength: 200nm - 280nm (254nm)
Maximum Area Coverage: 500 Square Feet (Depending on Mounting Height)
Lamp Type: UV-C Fluorescent T8
Lamp Base: G13 Medium Bi-Pin
Replacement Lamp: FRL-48-1X-T8-40W-UV-C
Beam Angle: -
Lighting Configuration: Flood Pattern
Power Factor: -
Operating Temperature Range: -
Housing: Cold Rolled Steel
Finish: Flat White Polyester Finish

Ratings

Micro-Perforated Steel Diffuser
Built-in Earthquake Brackets
EPA Reg. No 98409-1
EPA Est. No. 98409-TX-1

Special Orders - Special Requirements

Contact us for special requirements

Intl: 1-903-270-1187

Toll Free: 1-800-369-6671

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

Mounting: Troffer in Inverted T-Bar Grid Ceiling

Cord: -

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.

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The Larson Electronics GAU-TRF-2X4-4L-LVR-UVC-T8-V1 UV-C Germicidal Recessed Troffer Mount Fluorescent Fixture is suitable for disinfecting 99% of viruses, bacteria, mold and spores in large facilities. This 160-watt germicidal fixture operates on 120-277V AC @ 50/60 Hz and consists of four, T8 fluorescent lamps that each provide 14.3 watts of UV-C output at a range of 200nm - 280nm (254nm). A single GAU-TRF-2X4-4L-LVR-UVC-T8-V1 unit can cover a maximum of 500 square feet depending on the mounting height.

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-2X4-4L-LVR-UVC-T8-V1 UV sanitation fixture is a 2-foot long by 4-foot wide, powerful 4-lamp lighting solution for general area lighting systems and commercial indoor spaces. This 160-watt troffer mount unit consists of four, 40-watt T8 fluorescent bulbs that each provide 14.3 watts (57.2 total watts of UV-C output) of UV-C output at a range of 200nm - 280nm (254nm). Equipped with an expected lifespan of 8,000+ hours, the lighting accessory emits a flood beam pattern.

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, retail spaces, lobbies, commercial locations, industrial parks, schools, public transportation hubs, airports, office buildings, medical centers and more; kill 99% of viruses, bacteria, mold, and spores.

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 to discuss your specific requirements.

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Frequently Asked Questions (FAQ)


WARNING

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WARNING
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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- ANSI Certificate 1
- Canadian CEC Certificate (Commonly referred to as CSA Certificate)
- CE Certificate
- Certificate 1, Misc
- Certificate 2, Misc
- Certificate 3, Misc
- Certificate 4, Misc
- Dimensional Drawing 2D
- Eye Safety Information/Certificate
- Lighting Facts & Information
- MSDS (Material Safety Data Sheet
- Operations Manual
- RoHS Certificate (Restriction of Hazardous Substances)
- Spectrum Curve (Wavelength Graph)
- USA NEC Certificate (Commonly referred to as UL Certificate)
- Wiring Diagram (Oneline)
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map