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ND-TRF-SS-2X4-4L-VISUVC-T8-V1-120V

2X4 Recessed Troffer Mount Germicidal UV-C Fixture - 120-277V AC - (2) VW Lamps, (2) T8 Fluorescent Lamps - Kills 99% of Viruses - 304 Stainless Steel

Product ID: 287264

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

ND-TRF-SS-2X4-4L-VISUVC-T8-V1-120V Recessed Troffer Mount UV-C Sanitation Light

Unit Type: UV-C Germicidal Fluorescent Troffer Light
Lamp Technology: UV Fluorescent - Sanitation
Lamp Qty: (2) Visible White Lamps, (2) UVC Lamps
Troffer Size: 2' x 4'
Single-lamp Dimensions: 48" x 1.25"
Weight: -
Voltage: 120-277V AC, 50/60 Hz
Total Watts of Visible White Lamps: -
Single Visible White Lamp Watts: -
Total Lumen Output of Visible White Lamps: -
Single Visible Lamp Lumen Output: -
Total Watts of UVC Lamps: 80W
Single UVC-lamp Watts: 40W
Total UV-C Output: 28.6W
Single-lamp UV-C Output: 14.3W
UV Irradiance: 234 uW/cm2 @ 1 Meter
UV Wavelength: 200nm - 280nm (254nm)
Maximum Area Coverage: -
UVC Lamp Type: T8
Lamp Base: G13 (Medium Bi-pin)
UVC Replacement Lamp: FRL-48-1X-T8-40W-UV-C
Beam Angle: -
Lighting Configuration: Flood Pattern
Operating Temperature Range: -
Housing: 304 Stainless Steel
Finish: Natural Finish
Mounting: Troffer in Inverted T-Bar Grid Ceiling

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.

Ratings

304 Stainless Steel Construction
Kills 99% of Viruses and Other Germs
Made in USA - Manufactured in Texas
EPA Reg. No 98409-1
EPA Est. No. 98409-TX-1
Separate Lamp Circuits

Special Orders - Special Requirements

Contact us for special requirements

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The ND-TRF-SS-2X4-4L-VISUVC-T8-V1-120V 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 99% of viruses, bacteria, mold, and spores in large facilities. This germicidal fixture operates on 120-277V AC @ 50/60 Hz and consists of two, T8 fluorescent lamps that each provide 14.3 watts of UV-C output at a range of 200nm - 280nm (254nm) and two, visible white lamps.
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 coronavirus*
PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO POWER DISTRIBUTION PANELS, TRANSFORMERS, OR SUBSTATIONS*
The ND-TRF-SS-2X4-4L-VISUVC-T8-V1-120V UV sanitation fixture is a 4-foot long by 2-foot wide, powerful 4-lamp lighting solution for general area lighting systems and commercial indoor spaces. This troffer mount unit consists of two, 40-watt T8 fluorescent bulbs that each provide 14.3 watts (28.6 total watts of UV-C output) of UV-C output at a range of 200nm - 280nm (254nm) and two visible white lamps. The lamps emit a flood beam pattern.
Two dedicated circuits are available for controlling the lamp types separately (one circuit for the visible white lamps and one circuit for the UVC lamps). This circuit configuration enables greater control, allowing customers to control the UVC lamps without the visible white lamps (or vice versa), as well as wire in a remote motion sensor for safety.
The housing on this sanitation unit is constructed of 304 stainless steel for enhanced resistance to corrosion and feature a natural finish.
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.
Suggested Applications: Sanitation, disinfection, retail spaces, lobbies, commercial locations, industrial parks, schools, public transportation hubs, airports, office buildings, medical centers, and more; kills 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)

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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Wiring Diagram (Oneline)**
- **Video2**
- **Video4**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**