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IND-LP-SS-48-5L-UVC

162.5W Industrial UVC Fluorescent Fixture - (5) 4' UV Lamps - Zinc Coated Hubs/Surface Mount

Product ID: 267160

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

IND-LP-SS-48-5L-UVC Industrial UVC Fixture

Listing: -
Lamp Technology: UV Fluorescent
Dimensions: 48.75" x 17.75"
Space Between Lamps: 3.75"
Weight: -
Lamp Quantity: 5
Voltage: 120-277V AC
Frequency: 50/60 Hz
Total Watts: 162.5W
Single-lamp Watts: 32.5W
Total UV Output (Watts): 99W
Single-lamp UV Output (Watts): 19.8W
Total Lumens: -
Total Radiant Intensity: -
Effective Radiant Intensity: -
Luminous Efficacy: -
Lamp Life: 8,000 Hours
UV Band: UVC 254nm (200nm - 280nm)
Color Temperature: -

Ratings/Approvals

NRTL Listed to UL 508A
NRTL Listed to CSA C22.2 No. 14
(5) 4` UV Fluorescent Lamps
Germicide Applications
Made in USA - Manufactured in Texas
EPA Reg. No 98409-1
EPA Est. No. 98409-TX-1

Color Rendering Index: -

Lamp Type: UV T10 Fluorescent

Lamp Base: G13 (Medium Bi-Pin Fluorescent)

Replacement Lamp: -

Beam Angle: -

Lighting Configuration: Flood Pattern
Motion Sensor: Yes - 360° Auto Shut-Off Motion Sensor

Power Efficiency: -
Power Factor: -
Ballast Quantity: 1
Ballast Voltage: 120-277V AC, 50/60 Hz
Ballast Position: Back of Fixture (Gasketed Ballast Enclosure)

Mercury Content: -

Amps: 1.35A @ 120V, 0.67A @ 240V, 0.58A @ 277V

Operating Temp Range: -30°C to 85°C

Housing Material: 304 Stainless Steel

Hardware/Hub Material: Zinc Coated Hub
Mounting: Flange Mount
Hub Quantity: 2
Wiring Hub Size: 1/2" or 3/4" Threaded

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.

Special Orders - Special Requirements

Contact us for special requirements

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E-mail: sales@larsonelectronics.com

This unit is Made In USA - Manufactured in Texas

The Larson Electronics IND-LP-SS-48-5L-UVC UV Fluorescent Fixture provides UVC illumination in industrial facilities. This 130-watt unit features five, 4-foot UV fluorescent lamps, housed in a 304 stainless steel housing. The luminary caters to surface mounting and operates on 120-277V AC, 50/60 Hz. This unit is equipped with a motion sensor that automatically shuts the unit down when motion is detected.

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*

The IND-LP-SS-48-5L-UVC is a fluorescent-based UV lighting system for industrial facilities requiring effective sanitation or disinfection. Consisting of five, 4-foot fluorescent UV lamps, the 162.5-watt unit offers UVC output with a wavelength range of 200nm to 280nm (wavelength of 254 nm). This UV fixture operates on 120-277V AC, 50/60 Hz (ballast voltage) and features a G13 medium bi-pin cap base. The UV lamps contain an 8,000-hour useful lifespan.

The UV light`s housing is constructed of 304 stainless steel, with zinc-coated hubs. One lighting ballast is located in a gasketed ballast enclosure at the back of the UV fixture.

UV radiation from the unit can damage the skin and eyes without proper protection. Operators should avoid exposure to the eyes and skin when the unit is unshielded (for use in enclosed environments only). In the event of lamp breakage, it is recommended to ventilate the room for 30 minutes and clean the area with gloves (not a vacuum cleaner). Contents should be stored in a sealed plastic bag and brought to a waste/recycling facility.

Mounting/Wiring: The IND-LP-SS-48-5L-UVC features a surface mounting system. Surface mounting brackets on the housing facilitate a low profile wall or ceiling mount, making it suitable for installations in tight spaces. Power connections to the UV unit can be completed via two accessible, threaded wiring hubs (1/2" or 3/4").

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: Germicidal, water purification, disinfection, food processing, air disinfection, pharmaceuticals, biotechnology and more.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

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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 he 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

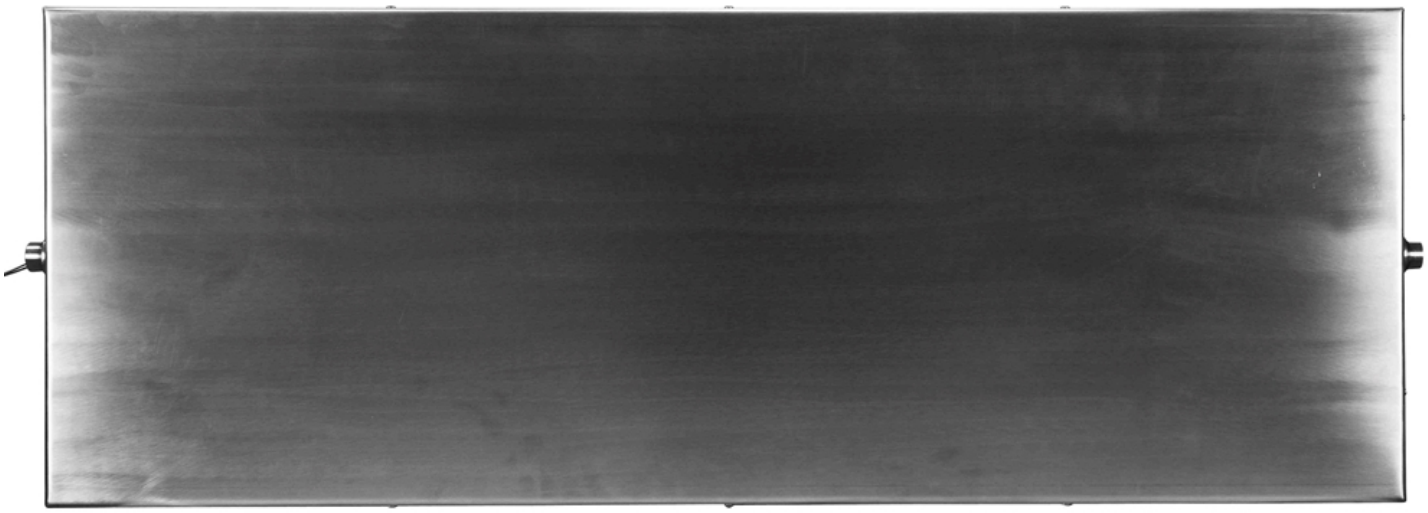
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IND-LP-SS-48-5L-UVC

Product ID: 267160

Export Control Classification Number (ECCN): EAR99

Options:

IND-LP-SS-48-5L-UVC-Hub Config

Example: IND-LP-SS-48-5L-UVC-0.5IN

Hub Config	
1/2IN	-0.5IN
3/4IN	-0.75IN

Links (Click on the below items to view):

- Canadian CEC Certificate (Commonly referred to as CSA Certificate)
- Catalog Page - Product Series
- Certificate 1, Misc
- Certificate 4, Misc
- Eye Safety Information/Certificate
- Lighting Facts & Information
- MSDS (Material Safety Data Sheet
- Operations Manual
- Spectrum Curve (Wavelength Graph)
- USA NEC Certificate (Commonly referred to as UL Certificate)
- Wiring Diagram (Oneline)
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- Video1
- Video4
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map