Larson Electronics LLC
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Fax: 903.498.3364

IND-48-2L-BL-UVC

UV-C Fluorescent Light - 4 foot 2 lamp - UV-C Bulbs - No Lens - Kills 99% of Viruses

Product ID: 267198

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-48-2L-BL-UVC Fluorescent UV-C Fixture

Surface Mount Dimensions: 51.28"-L x 7.06"-W x 8.42"-H
Pendant Mount Dimensions: 51.1"-L x 7.06"-W x 6.65"-H
Weight: 33 lb
Voltage: Universal 120-277V AC 50/60 Hz
Total Watts: 72W
Total Radiant Intensity: 29.2W (14.6W per lamp)
Lamp Life Expectancy: 5,000 Hours
Irradiance (per lamp): 145.00µW/cm² @ 1 Meter
Light Color: UV-C
Wavelengths: 253.7nm
Beam Angle: 150°
Housing Material: Extruded Aluminum - Copper Free
Lens: NO Lens
Gasket Material: Neoprene
Mounting: Surface Standard - Pendant Optional
Wiring Hub: 1/2" or 3/4" NPT

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/Approvals

No Glass Lens
Made in the USA
EPA Reg. No 98409-1
EPA Est. No. 98409-TX-1

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671
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The IND-48-2L-BL-UVC from Larson Electronics IND-48-2L-BL-UVC is a UV-C Fluorescent Light Fixture that is designed as a UV sanitation light to kill 99% of viruses, bacteria, mold, and spores. This fixture uses a special ballast and bulb combination to produce light in the ultraviolet spectrum.

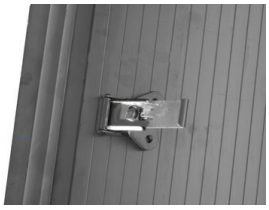
Please note: This product produces UV light. Make sure to follow all safety guidelines and protocols found in the user manual. UVC light in the proper setting kills up to 99.9% of viruses, mold, spores, and bacteria. Click here to learn more about UVC and the corona virus*

The IND-48-2L-BL-UVC fixture is a 4 foot long, 2 lamp, UV-C fluorescent light that emits UV-C light with a wavelength of 254nm for germicidal and sanitation purposes. The lamps are protected by an aluminum framed hinged door secured with four turn latches and the fixture is constructed of copper free aluminum alloy. The lamp reflector is corrosion resistant heavy gauge aluminum and coated with a high gloss reflective finish. There is NO glass lens on the front of the IND-48-2L-BL-UVC. The fixture is drip proof if the fixture is facing downwards.

This fixture, like our other UV lights, operates on 120 V AC only. The IND-24-2L-BL-UVC provides operators with a reliable and durable UV-C sanitation lighting solution for open areas.



Click Photo to Enlarge



Click Photo to Enlarge



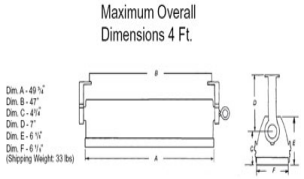
Click Photo to Enlarge



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Standard Surface Mount Brackets: Each L bracket is cinched to the bracket mounting peg on each side of the light. The angle of the bracket is set by tightening two cap screws on either side of the bracket. The cap screws act as a set screw. The bracket itself is mounted via a single bolt hole at the top the bracket. There are two brackets, one on each end of the light. Once the brackets are mounted to a surface (ceiling, floor or wall), the light fixture can be removed from the brackets by loosening the cap screws that hold the bracket to the mounting peg. Mounting brackets are removable. A single through hole enables the operator to install the light to any surface. A sliding bracket mount is available so operators can retrofit this LED light fixture to use the per-existing mounting holes from other fluorescent fixtures. The sliding mount brackets are available in the related items order section below..

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: UV-C sanitation and germicidal applications in hospitals, warehouses, clinics, nursing homes, food manufacturing, 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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Product ID: 267198

Export Control Classification Number (ECCN): EAR99

Options:

IND-48-2L-BL-UVC-Mount-Hub Config

Example: IND-48-2L-BL-UVC-SFC-0.5IN

Mount	
SURFACE	-SFC
PENDANT	-PND

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)**
- **Certificate 1, Misc**
- **Certificate 4, Misc**
- **Dimensional Drawing 2D**
- **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)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **Video1**
- **Video4**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**