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IND-48-2L-HD-BL-UVC

UV-C Fluorescent Light - 4 foot 2 lamp - UV-C Bulbs - Glass Lens - Kills 99% of Viruses

Product ID: 273017

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-HD-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 120-277 V 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: Glass Lens - UV Transmission Glass
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

UV Transmission 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

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The IND-48-2L-HD-BL-UVC from Larson Electronics 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.

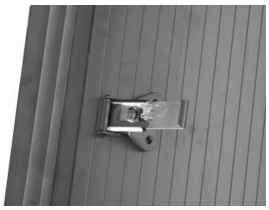
Please note: This product produces UV light. Make sure to follow all safety guidelines and protocols found in the user manual. UVC light in the proper setting kills up to 99.9% of viruses, mold, spores, and bacteria. Click here to learn more about UVC and the coronavirus*

The IND-48-2L-HD-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. The IND-48-2L-HD-BL-UVC is equipped with a glass lens made from UV transmission glass. The fixture is drip proof if it 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



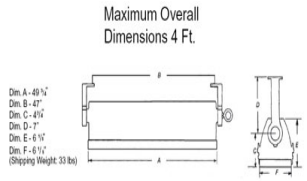
Click Photo to Enlarge



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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: 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.

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)









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IND-48-2L-HD-BL-UVC

Product ID: 273017

Export Control Classification Number (ECCN): EAR99

Options:

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

Example: IND-48-2L-HD-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**
- **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**