Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

IND-SB-2WB-R1-UVC-IDC-10X150W-1227

1600W Industrial UV Sanitation Room - (2) Doorways - (10) UVC Induction Lamps - Timer

Product ID: 267966

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-SB-2WB-R1-UVC-IDC-10X150W-1227 UV Disinfection Room

Listing: -
Lamp Technology: UVC Induction
Lamp Quantity: (10) Lamps w/o Reflectors

Capacity: Holds Pallets up to 48" Wide x 60" Long x 80" Tall

Dimensions: -
Weight: -

Voltage: 120V or 240V 1-phase

Total Watts: 1,600W

Single-lamp Watts: 150W

Total UV Output (Watts): -

Total Radiant Intensity: -

Luminous Efficacy: -

Lamp Life: 100,000+ Hours

UV Band: UVC 254nm (200nm - 280nm)

Peak Wavelength: 280nm

Color Temperature: -

Color Rendering Index: -

Lamp Type: Induction

Lamp Base: -

Ratings/Approvals

Germicidal Applications
Risk Group 3 UV product

Replacement Lamp: -

Beam Angle: -

Lighting Configuration: Flood Pattern

Power Efficiency: -

Power Factor: -

Indicator Lights: In Operation/Safe to Open

Timer: Adjustable Time Settings

Digital Display: Time Remaining

Safety: Emergency-stop Push Button on Both Doors

Amps: 16.25A @ 120V, 8.13A @ 240V

Operating Temp Range: -

Housing Material: -

Wall Finish: Polished

Doorways: (2)

Mounting: -

Wiring: -

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

Intl: 1-903-270-1187

Toll Free: 1-800-369-6671

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

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The IND-SB-2WB-R1-UVC-IDC-10X150W-1227 Larson Electronics Industrial UV Sanitation Room serves as a dedicated disinfection area for pallets, large containers and equipment in industrial sites. This 1,600-watt system features ten UVC induction lamps and two doorways for faster processing. Powered via an electromagnet to reduce the risk of gas leaks associated with fluorescent lights, the walls are polished for maximum UV exposure and thorough sanitation.

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The IND-SB-2WB-R1-UVC-IDC-10X150W-1227 is a powerful disinfection solution for pallets and large containers. Equipped with ten, 150-watt UV induction lamps, this disinfection room can hold pallets up to 48" wide x 60" long x 80" tall. The lights provide UVC output within the 200nm - 280nm range. During use, the unit emits UV light in a flood beam configuration. Polished walls maximize UV reflection for thorough sanitation. This mercury-based germicidal lamp operates on single-phase 120V or 240V AC and does not contain electrodes. The lamps have a 100,000-hour useful lifespan, making the unit a long-lasting solution in work sites.

Operation: This UV unit contains two doorways at the entrance and exit for efficient, one-way processing of large equipment. To use the system, operators open the first door and place their pallet or container inside. An accessible timer can be used to increase or decrease the duration of UV treatment (exposure time). Individuals may monitor the duration of UV treatment via a digital readout. Indicator lights notify when the system is safe to open and when it is in use. An emergency-stop switch on both doors allows operators to deactivate the unit. After UV disinfection, the second doorway can be used to remove the sanitized

pallet or container from the disinfection chamber.
This UV fixture is a Risk Group 3 UV product. 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.
Note on Lamps: Induction lamps are similar to high-intensity discharge lamps. There is a glass bulb filled with gases, and an external ballast. The difference in the technology is, unlike metal halide or high pressure sodium that create an arc between two electrodes to ignite gases, induction lamps generate light from an electromagnetic interaction with the gases. This magnetic reaction with the gases provides a more energy efficient product and a longer lifespan over traditional high intensity discharge lamps. Additionally, there is no warm-up time generally associated with high intensity discharge lamps. Induction lamps provide instant-on light output similar to LED technology. The combination of induction lamp technology and UVC output provides the high output from high intensity discharge lamps with the instant-on, long life span, and energy efficiency of LED technology.
Mounting: The IND-SB-2WB-R1-UVC-IDC-10X150W-1227 can be deployed in facilities as a standalone UV sanitation room.
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, industrial, sanitation, pallets, containers, packaging, manufacturing, warehouse, delivery, processing 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)





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Product ID: 267966

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Eye Safety Information/Certificate**
- **Spectrum Curve (Wavelength Graph)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**