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RNT-IND-SM-BX-24-1L-UVC-AT-120V-15C

RENT Industrial Portable UV Sanitation Light - Kills 99% of Viruses - 120V - 15' x 15' Area - 15' SOOW Cord

Product ID: 267703

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

RNT-IND-SM-BX-24-1L-UVC-AT-120V-15C UV Sanitation Light

Lamp Technology: UV-C Fluorescent
Dimensions: 10.82"-L x 10.64"-D x 33.66"-H
Weight: 30 lb
Voltage: 120 V AC
Total Watts: 55W
Total UV Output (Watts): 16.5W
Total UV Irradiance: 156 µW/cm² @ 1 Meter
Coverage: 15' x 15' Area
Expected Lifespan: 16,000+ Hours
UV Wavelength: UV-C, 200nm - 280nm (254 nm)
Lamp Type: Twin Tube T16
Lamp Base: 4-pin on a Single End 2G11
Replacement Lamp: FRL-BX-21-55W-UVC-2G11
Beam Angle: 360°
Light Configuration: Flood
Amps: 0.48 A @ 120 V
Setting: Digital Timer
Delay: 1 Minute 30 Seconds
Ambient Operating Temp Range: -

Ratings/Features

Short-wave Germicidal Light
Kills 99% of Viruses and Other Germs
EPA Reg. No 98409-1
EPA Est. No. 98409-TX-1
Made in USA - Manufactured in Texas

Special Orders - Special Requirements

Materials: -

Lens Material: -

Mounting: Top-located Carrying Handle

Wiring: 15' 16/3 SOOW Cord w/ Cord Cap

Cord Cap: 5-15 Straight, L5-15 Twist, or Pigtail

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.

Contact us for special requirements

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This unit is Made In USA - Manufactured in Texas
This unit is for rentals
The Larson Electronics RNT-IND-SM-BX-24-1L-UVC-AT-120V-15C is a Germicidal UV Sanitation Light which can disinfect 99% of viruses, bacteria, mold, and spores in large facilities. This unit offers UV-C output at a range of 200nm - 280nm (254nm) and comes equipped with a 55-watt UVC fluorescent lamp. A top-located carrying handle allows the UV light to be carried or moved around the facility.
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 RNT-IND-SM-BX-24-1L-UVC-AT-120V-15C is a powerful sanitation solution for industrial sites and commercial facilities. Equipped with a 55-watt UVC fluorescent lamp, this system offers 16.5 watts of total UV output, within the 200nm - 280nm UV-C range (254 nm). Total UV irradiance is 156 uW/cm2. The light has an expected lifespan of 16,000+ hours and emits a flood beam pattern. This UV system caters to 15` x 15` areas with 360 degrees of coverage. Operators may move the light around after exposure time to disinfect several sections. With a recommended 20-25 minute exposure time for viruses, multiple units can be purchased to cover larger areas quicker. The UV light can disinfect over 99% of bacteria, viruses, mold, and spores.
Voltage: The RNT-IND-SM-BX-24-1L-UVC-AT-120V-15C operates on 120 V AC.

Click Photos to Enlarge



5-15 Straight Blade Plug
15 Amp / 125V Rated



L5-15 Twist Lock Plug
15 Amp / 125V Rated



Flying Leads / Pigtail Wires

Wiring/Plug: This unit is equipped with 15 feet of 16/3 chemical and abrasion resistant SOOW cord that is fitted with an industrial grade cord cap for easy connection to common wall outlets. Plug options include standard 5-15 15 amp straight blade plug for 110V wall outlets with ground or NEMA L5-15 15 amp twist lock plug for 125V twist lock outlets. Alternatively, we can provide flying leads with no plug for hard wire applications or for operators who prefer to wire in user provided cord caps. Please choose pigtail option below for flying leads with no plug.
Automatic Timer: At start up, there is a built-in 1-minute and 30-second delay to allow individuals to safely leave the room after deploying the device. An

accessible digital timer enables operators to set exposure times. The lights will automatically turn off when the set time is complete. Operators may adjust settings via a controller at the bottom of the unit.
Mount: This UV sanitation light is equipped with a top-located carrying handle, which can be used to transport the unit around the work site. The bottom of the light contains pads to reduce slippage on surfaces.
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)

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?

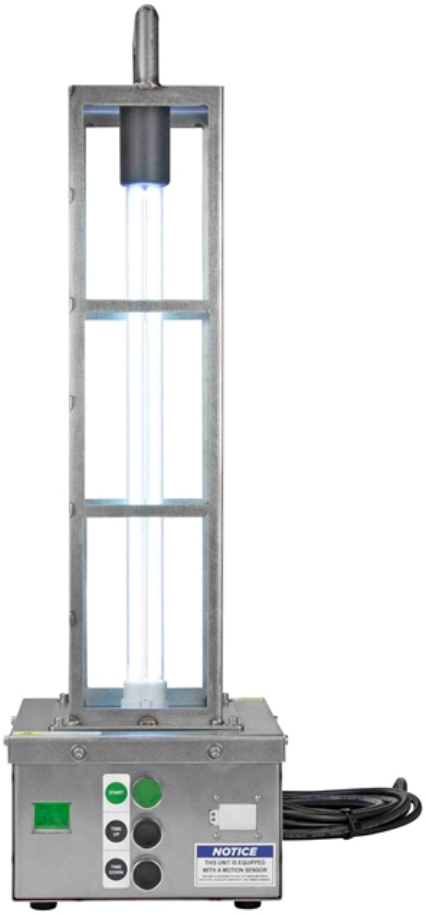
A. No. UV lights can be made as ozone-producing or non-ozone producing. Ozone producing lamps leaves radiation in the atmosphere and require a 20-30 minute time after lamps are turned off before the radiation levels dissipate to a safe level before you can re-enter the room/area. The products that Larson 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

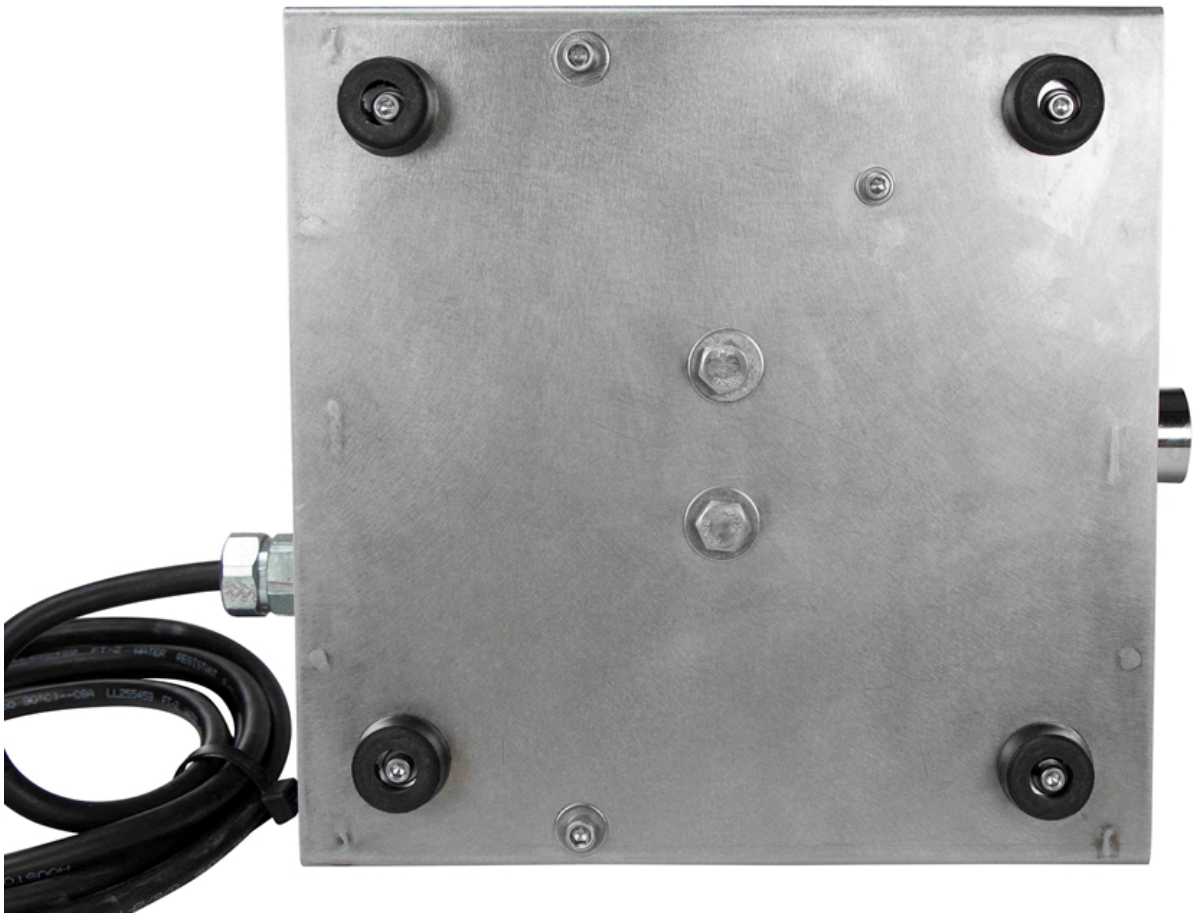

NOTICE

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RNT-IND-SM-BX-24-1L-UVC-AT-120V-15C

Product ID: 267703

Export Control Classification Number (ECCN): EAR99

Options:

RNT-IND-SM-BX-24-1L-UVC-AT-120V-15C-Rental Length-Cord Cap

Example: RNT-IND-SM-BX-24-1L-UVC-AT-120V-15C-MR-5.15

Rental Length	
MONTHLY	-MR
WEEKLY	-WR
DAILY	-DR

Cord Cap	
5-15 STRAIGHT	-5.15
L5-15 TWIST	-L5.15
PIGTAIL	-Pigtail

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
- Dimensional Drawing 2D
- Eye Safety Information/Certificate
- Lighting Facts & Information
- MSDS (Material Safety Data Sheet
- Operations Manual
- Spectrum Curve (Wavelength Graph)
- STEP File (3D CAD Model)
- USA NEC Certificate (Commonly referred to as UL Certificate)
- Wiring Diagram (Oneline)
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- HigResPic9
- HigResPic10
- Video1
- Video2
- Video3
- Video4
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map