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IND-BR-UVC-2L-R2-1C-BP-1.5K

Rechargeable UV Sanitation Broom - (2) 24" UVC Lamps - 120V - (4) Swivel Casters, Detachable Handle - 1' Cord w/ Cord Cap

Product ID: 271517

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-BR-UVC-2L-R2-1C-BP-1.5K Rechargeable UV Disinfection Broom

Lamp Technology: UV-C Fluorescent

Lamp Quantity: (2) 24" UV Lamps

UV Broom Dimensions: -

Weight: -

UV Broom/AC Charging Voltage: 120V AC

Total Watts: 40W

Single-lamp Watts: 20W

Total UV Output: 18.2W

Single-lamp UV Output: 9.1W

Effective UV Radiation (at 1 Meter) Per Lamp: 75.0 uW/cm2 @ 1M

Total Effective UV Radiation (at 1 Meter): 150.0 uW/cm2 @ 1M

Expected Lifespan: 8,000+ Hours
UV Wavelength: UV-C, 200nm - 280nm (254 nm)
Lamp Type: T8
Lamp Base: G13 (Medium Bi-pin)
Replacement Lamp: FRL-24-1X-T8-20W-UV-C
Beam Angle: 180°
Light Configuration: Flood
Controls: Switch

Ratings/Features

Short-wave Germicidal Light

Kills 99% of Viruses and Other Germs

Amps: -

Ambient Operating Temp: -

Materials: Stainless Steel

Finish: -

Mounting: (4) Swivel Casters; Detachable Broom Handle

Rechargeable Battery Type: Lithium-ion

Battery Capacity: 1500Wh

Maximum Charge Time: 5 Hours

System Runtime: 18+ Hours per Full Charge

Overload Ability: 120% < Load < 130% @10min; 130% < Load < 150% @10s

AC Socket/Charging Cable: Type G

Wiring: 1' Cord w/ Cord Cap

Cord Cap: 15A 5-15P [125V]

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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The Larson Electronics IND-BR-UVC-2L-R2-1C-BP-1.5K is a Rechargeable UV Disinfection Broom which can disinfect viruses and bacteria on floors and flat surfaces and in hallways, work areas, schools, and more. This unit offers UV-C output at a range of 200nm - 280nm (254nm) and comes equipped with two 20-watt UV fluorescent lamps. Equipped with a lithium-ion rechargeable battery pack, the system offers 18+ hours of runtime per full charge. The stainless steel UV system has a detachable handle for maximum reach and control.

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-BR-UVC-2L-R2-1C-BP-1.5K is a powerful sanitation solution for buildings, walkways, offices, clinics and general flooring areas. Equipped with two 20-watt UV fluorescent lamps, this system offers UV output within the 200nm - 280nm UV-C range (254 nm). The light has an expected lifespan of 8,000+ hours and emits a flood beam pattern. Compatible with 120V AC, this UV system caters to floors and surfaces with 180 degrees of coverage. A switch on the device can be used to turn the unit on and off.

This unit is made out of stainless steel and features safety grating to protect the T8 UV lamps from contact with surfaces. With a recommended 5-10 minute exposure time for viruses, multiple lights can be purchased to sanitize large areas quickly. Operators may also move the UV light around after exposure time to disinfect different sections of the space. The UV light can disinfect over 99% of bacteria, viruses, mold, and spores.

Rechargeable Battery: This disinfection system is equipped with a rechargeable lithium-ion battery with 1500Wh capacity. Standard output power is 500W with peak output reaching 700W. The battery pack supports 120V input (AC charging) and output (for the UV broom). A Type G AC socket/charging cable is supported by this unit. Illuminated green indicators display the charging status of the unit when it is in use. A button activation system allows operators to toggle the power of the battery pack on/off.

A 5-hour charge time is required to reach full battery capacity. At full charge, the system offers 18+ hours of runtime. Additional battery packs can be purchased and swapped out in the field to extend this runtime, if needed.

Wiring/Plug: This unit comes with a 1 foot power cord with a 15-amp 5-15R

125V cord cap for connecting the UV sanitation device to the rechargeable battery pack. Operators may also plug the unit directly into wall outlets using an extension cord when the battery is charging or for local power.
Mount: The IND-BR-UVC-2L-R2-1C-BP-1.5K is equipped with a detachable broom handle for up close sanitation of surfaces, mats and other types of floors. Operators may remove the handle during transportation or storage. There are four swivel casters at the bottom of the fixture (light facing down) to assist in mobility around the area. When setup as a standalone device without the handle, this UV disinfection light can sanitize walls.
Suggested Applications: Sanitation, disinfection, mats, floors, offices, gyms, clinics, public buildings, stairs, hallways, schools, athletic facilities, work sites, public transportation hubs 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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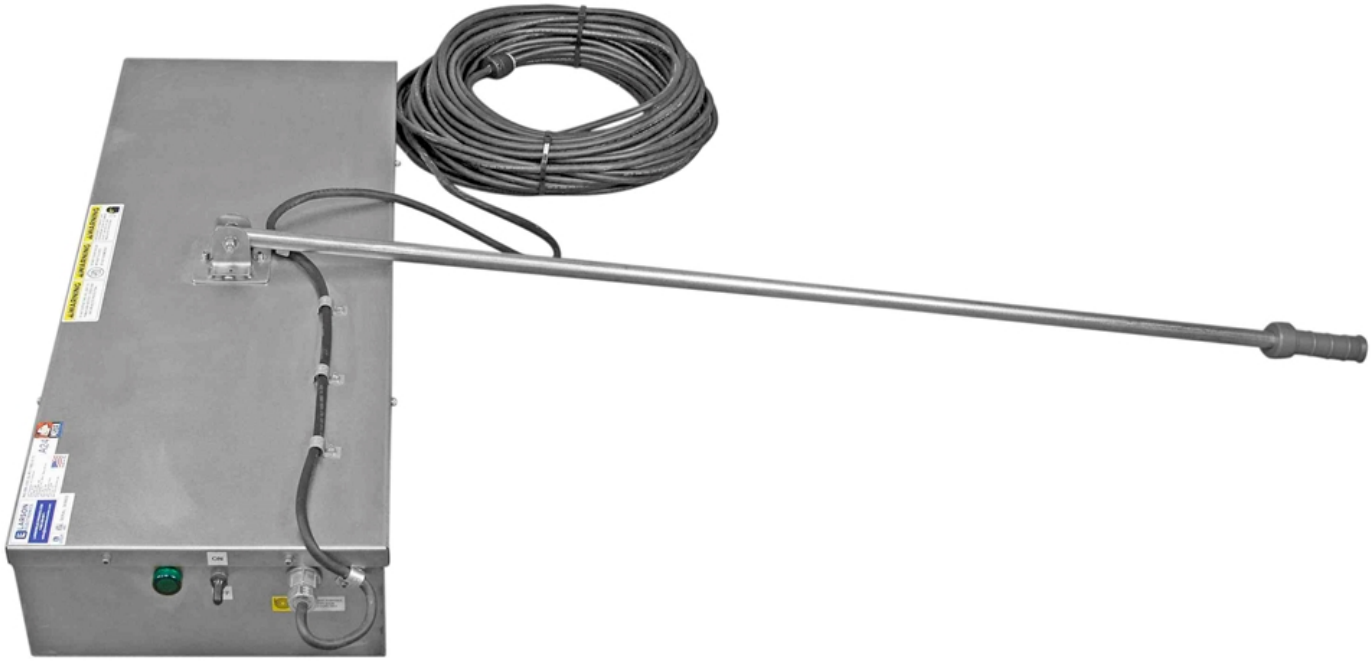

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Product ID: 271517

Export Control Classification Number (ECCN): EAR99

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**
- **Spectrum Curve (Wavelength Graph)**
- **USA NEC Certificate (Commonly referred to as UL Certificate)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **HigResPic9**
- **HigResPic10**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**