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IND-BM-R1-HDB-UVC-3L-BX55-220V-150C

UV Sanitation Push Cart - 220V, 50Hz - (3) 55W Biax UVC Lamps - Removable UV Lamp - 150' 12/3 SOOW Cord w/ 220V Cord Cap

Product ID: 271515

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-BM-R1-HDB-UVC-3L-BX55-220V-150C UV Disinfection Push Mower

Lamp Technology: UV-C Biax

Lamp Quantity: (3) UV-C Biax Lamps - (2) Stationary, (1) Removable

Dimensions: -

Weight: -

Voltage: 220 V AC, 50 Hz

Total Watts: 165W

Single-lamp Watts: 55W

Total UV Output: 49.5W

UV Irradiance: 468 uW/cm2 at 3ft

Expected Lifespan: 8,000+ Hours
UV Wavelength: UV-C, 200nm - 280nm (254 nm)
Lamp Type: Biax
Lamp Base: -
Replacement Lamp: -
Beam Angle: 180º
Light Configuration: Flood
Controls: 3-way Switch (Cart, Handheld Lamp Only or Off)
UV Exposure Time: 1 Second

Amps: -

Ratings/Features

Short-wave Germicidal Light

Kills 99% of Viruses and Other Germs

Ambient Operating Temp: -

Materials: Stainless Steel (Fixtures), Steel (Push Cart)

Finish: High-strength TGIC Polyester Powder Coated Blue

Mounting: Powder Coated Steel Push Cart

Wiring: 150' 12/3 SOOW Cord w/ 220V Cord Cap for System Power, 25' 16/3 SOOW Cord between Removable Lamp and Push Cart

Cord Cap: NEMA 6-15, NEMA 6-20, NEMA L6-15, NEMA L6-20, BS1363 (Type G), Schuko (Type F, CEE 7/4), BS546 (Type M), 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.

Special Orders - Special Requirements

Contact us for special requirements

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This unit is Made In USA - Manufactured in Texas

The Larson Electronics IND-BM-R1-HDB-UVC-3L-BX55-220V-150C UV Sanitation Push Cart disinfects viruses and bacteria on floors, flat surfaces, hallways, work areas, equipment and walls. This unit offers UV-C output at a range of 200nm - 280nm (254nm) and comes equipped with three 55-watt UV biax lamps. Capable of disinfecting surfaces at walking speed (1 second), the system comes with 150` of 12/3 SOOW cord with a 220V cord cap and 25` of 16/3 SOOW cord on the removable lamp. The powder coated steel push cart has a 3-way switch for selecting different operating modes.

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-BM-R1-HDB-UVC-3L-BX55-220V-150C is a powerful sanitation solution for buildings, walkways, offices, clinics and general flooring areas. Equipped with three 55-watt biax lamps, this system offers UV output, within the 200nm - 280nm UV-C range (254 nm). There are two stationary lights and one removable light for handheld sanitation of surfaces and equipment. The lamps have an expected lifespan of 8,000+ hours and emit a flood beam pattern. Compatible with 220 V AC, 50 Hz, a 3-way switch on the cart can be used to activate the stationary lights or the removable lamp only and turn the system off.
The fixtures are protected by a stainless steel housing. With a recommended 1 second exposure time for viruses, multiple push carts can be purchased to sanitize large areas quickly. The UV lights on this system can disinfect over 99% of bacteria, viruses, mold and spores.

Click Photos to Enlarge



L6-15 Twist Lock Plug
15 Amp / 250V Rated



UK BS1363 Straight Blade Plug
13 Amp / 250V Rated / Internal Fuse



Intl Schuko 2-Pin Plug
16 Amp / 250V Rated / Grounded



Flying Leads / Pigtail Wires

Wiring/Plug: This unit is equipped with 150 feet of 12/3 chemical and abrasion resistant SOOW cord that is fitted with an industrial grade cord cap for easy connection to outlets. Plug options include standard NEMA 6-15 15 amp straight blade plug, standard NEMA 6-20 20 amp straight blade plug, NEMA L6-15 15 amp twist lock plug, NEMA L6-20 20 amp twist lock plug, British BS1363 (Type G plug) 13 amp fused 3-blade plug for United Kingdom outlets, a two pin 16 amp rated Schuko plug (Type F, CEE 7/4 plug) with ground contact and socket for European outlets up to 250V, or a BS546 (Type M, CEE 3-pin 15 amp rated plug for Indian and South African 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.
Mount: All system components are secured on a powder coated steel push cart for mobility. The removable UV lamp is located at the front of the cart for quick access.
The UV sanitation cart is constructed of steel with a polyester powder coated blue finish for durability against dirt, moisture and mild corrosion. This special coating creates a high-strength barrier for protection from accidental bumps and scratches. The TGIC polyester powder coat finish offers reliable resistance against chemicals, UV light (sun light) and degrading elements in outdoor locations. Our powder coating solution ensures robust color retention for many years without fading. Custom colors, such as desert tan, grey or forest green, and galvanized finishes are available upon request. Non-standard powder coat colors or galvanized finishes may increase price and lead times.
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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IND-BM-R1-HDB-UVC-3L-BX55-220V-150C

Product ID: 271515

Export Control Classification Number (ECCN): EAR99

Options:

IND-BM-R1-HDB-UVC-3L-BX55-220V-150C-Cord Cap

Example: IND-BM-R1-HDB-UVC-3L-BX55-220V-150C-6.15

Cord Cap	
6-15	-6.15
6-20	-6.20
L6-15	-L6.15
L6-20	-L6.20
BS1363	-BS1363
SCHUKO	-Schuko
BS546	-BS546
PIGTAIL	-Pigtail

Links (Click on the below items to view):

- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**
- **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**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**