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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

IND-CD.AA-2XAH-48-4L-V3-200C

Aircraft UV Sanitation Cart - (2) Adj. Arms, (16) 48" UVC Lamps - Wire Guard, Timer - 200'16/3 SOOW Cord

Product ID: 271337

Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Image: IND-CD.AA-2XAH-48-4L-V3-200C

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-CD.AA-2XAH-48-4L-V3-200C UV Sanitation Light Cart

Lamp Technology: UV-C Fluorescent
Lamp Qty: (16) 48" UV Lamps
Dimensions: 52"-L x 18"-W
Weight: 245 lb
Voltage: 120 V and 240 V AC
Total Watts: 1,920W
Single-lamp Watts: 120W
Total UV Output: 2,600 uW at 3ft
Expected Lifespan: 8,000+ Hours
UV Wavelength: UV-C, 200nm - 280nm (254 nm)
Lamp Type: -
Lamp Base: -
Replacement Lamp: -
Beam Angle: 160°
Light Configuration: Flood
Setting: Timer
Recommended Exposure Time: 3-5 Minutes per Row (Left and Right)

Ratings/Features

Short-wave Germicidal Light
Kills 99% of Viruses and Other Germs

Amps: 16 A @ 120 V, 8 A @ 240 V
Ambient Operating Temp Range: -
Materials: -
Lamp Protection: Metal Wire Guards
Mounting: Aircraft Cart w/ (4) Wheels and (2) Adjustable Arms - Swivel and Pivot; (4) UV Lights per Arm
Wiring: 200' 16/3 SOOW Cord w/ Cord Cap
Cord Cap: 5-20 Straight, 6-15 Straight, L5-20 Twist, L6-15 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.

Special Orders - Special Requirements
Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
Fax: 1-903-765-7664
E-mail: sales@larsonelectronics.com

This unit is Made In USA - Manufactured in Texas

The Larson Electronics IND-CD.AA-2XAH-48-4L-V3-200C is an Aircraft UV Sanitation Cart which can disinfect 99% of viruses, bacteria, mold, and spores on seats and surfaces inside airplanes. This unit offers UV-C output at a range of 200nm - 280nm (254nm) and has sixteen, 48" UVC fluorescent lamps. Equipped with 200` of 16/3 SOOW cord, the lights are mounted to a heavy-duty cart with wheels for efficient mobility around the aircraft.

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-CD.AA-2XAH-48-4L-V3-200C is a powerful sanitation solution for aircrafts. Equipped with sixteen, 48" UVC fluorescent lamps, this system offers UV output within the 200nm - 280nm UV-C range (254 nm). The lights have an expected lifespan of 8,000+ hours and emit a flood beam pattern. During use, individuals deploy the unit from the center aisle. The arms swivel, pivot and extend to the left and right and can be positioned directly over the seating areas for intense sanitation. This UV system caters to entire seating rows (both left and right) with 160 degrees of coverage. There are two UV lamps on both sides of the cart to sanitize the rows and side surfaces of seats. Two lamps in a vertical position and two lamps in a horizontal position (on each side of the unit) target the lower areas, including under sections of seats and floors, during sanitation. Operators may move the cart around after exposure time to disinfect several sections.

Compatible with 120 V and 240 V, an accessible timer enables operators to set exposure times (models with wireless remotes are available at an additional cost). The lights will automatically turn off when the set time is complete. With a recommended 3-5 minute exposure time per row, multiple carts can be purchased to cover larger areas quicker. The fixtures are protected by metal wire guards to prevent bulbs from accidental breaking. The UV light can disinfect over 99% of bacteria, viruses, mold, and spores.

Click Photos to Enlarge



5-20 Straight Blade Plug
20 Amp / 125V Rated



L5-20 Twist Lock Plug
20 Amp / 125V Rated



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



Flying Leads / Pigtail Wires
16 Amp / 250V Rated / Grounded

Wiring/Plug: This unit is equipped with 200 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 5-20 20 amp straight blade plug for 110 V wall outlets with ground, standard 6-15 15 amp straight blade plug for 220-240 V wall outlets with ground, NEMA L5-20 20 amp twist lock plug for 125 V twist lock outlets, or NEMA L6-15 15 amp twist lock plug for 240 V 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.

Cart: This unit measures 52" x 18". Four wheels at the bottom of the cart facilitate mobile operation around the aircraft and provide a stable foundation during deployment.

Suggested Applications: Sanitation, disinfection, kill 99% of viruses, bacteria, mold, and spores, airplanes, aircrafts, fleets, commercial aviation, public transport hubs, airports 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)

There are no Faqs

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Product ID: 271337

Export Control Classification Number (ECCN): EAR99

Options:

IND-CD.AA-2XAH-48-4L-V3-200C-Cord Cap
Example: IND-CD.AA-2XAH-48-4L-V3-200C-5.20

Cord Cap	
5-20 STRAIGHT	-5.20
6-15 STRAIGHT	-6.15
L5-20 TWIST	-L5.20
L6-15 TWIST	-L6.15
PIGTAIL	-Pigtail

Links (Click on the below items to view):

- **Eye Safety Information/Certificate**(https://www.larsonelectronics.com/images/product/EyeSafety/271337.PDF)
- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/271337.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/271337.JPG)
- **HigResPic3**(https://www.larsonelectronics.com/images/product/HigResPic3/271337.JPG)
- **Video1**(https://www.youtube.com/watch?v=12Quu_Q_Hml)
- **Video4**(https://www.youtube.com/watch?v=kqVBPI9B704)
- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
- **Business Certificate**(https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
- **Shipping Time Map**(https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf)