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

RNT-IND-UC.360-48-8L-FUVC-V1-AT-KT-50C

RENT Industrial Portable Far-UV Sanitation Cart - Kills 99% of Viruses - 8000 sq. ft. Area - 304 Stainless Steel - Remote/50' Cord

Product ID: 269342

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-UC.360-48-8L-FUVC-V1-AT-KT-50C Far-UV Sanitation Light Cart

Lamp Technology: Far-UV-C Fluorescent
Lamp Qty: (8)
Dimensions: 28"-W x 28"-D x 68"-H
Maximum Weight: 145 lb
Voltage: 120V AC, 50/60Hz
Total Watts: 320W
Single-lamp Watts: 40W
Total UV Output: 32.16W
Single-lamp UV Output: 4.02W
Total UV Irradiance: 320 uW/cm2
Expected Lifespan: 10,000+ Hours
UV Wavelength: Far-UV-C, 222nm
Lamp Type: T10
Lamp Base: G13
Replacement Lamp: -
Beam Angle: 360º
Light Configuration: Flood
Delay: 1 Minute and 30 Seconds at Startup
Maximum Treatment Time: 24 Hours
Safety Kit: (2) Safety Goggles, (4) Safety Signs
Remote Type: Wireless

Ratings/Features

222nm Germicidal Light
Kills 99% of Viruses and Other Germs
Mercury Free Lamp
Instant-On Lamp, No Warm Up Time
More Efficient & Effective than UVC Lamps
No Harmful UVC Emissions
No Block Off/Bandpass/Cutoff Filters) Needed
Skin Safe & Eye Safe
Ozone Free
Low Heat Output
EPA Reg. No 98409-1
EPA Est. No. 98409-TX-1

Amps: -

Ambient Operating Temp: 80ºF

Materials: 304 Stainless Steel

Lamp Protection: Wire Guard and Center Rail

Mounting: Portable - (4) Wheels

Wiring: 50' 16/3 SOOW Cord w/ Cord Cap

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

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

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

This unit is for rentals

This unit is Made In USA - Manufactured in Texas

The Larson Electronics RNT-IND-UC.360-48-8L-FUVC-V1-AT-KT-50C is an Industrial Portable Far-UV Sanitation Cart which can disinfect kill 99% of viruses, bacteria, mold, and spores and bacteria in large facilities. This unit offers Far-UV-C output at a range of 222nm and comes equipped with eight Far-UVC fluorescent lamps. Capable of disinfecting an entire room, the 304 Stainless Steel Far-UV system comes with 50` of 16/3 SOOW cord, wireless remote and a safety kit (two goggles and four safety signs).

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 RNT-IND-UC.360-48-8L-FUVC-V1-AT-KT-50C is a powerful sanitation solution for industrial sites and commercial facilities. Equipped with eight Far-UVC fluorescent lamps, this system offers 32.16 watts of total Far-UV output, within the 222nm Far-UV-C range. Total Far-UV irradiance is 320 uW/cm2. The lights have an expected lifespan of 10,000+ hours and emits a flood beam pattern. This Far-UV system offers full, 360 degrees of coverage. Cooling fans below the lamps keep the unit running optimally. There is a delay of 1 minute and 30 seconds at startup for clearing the area after activation. Alternatively, an included wireless remote can be used to activate the device outside of the room. Operators may move the cart around after exposure time to disinfect several sections.

This unit is made out of 304 Stainless Steel and features spring-loaded lamp sockets, which makes it easier to switch out lamps. A wire guard protects the Far-UV lamps from tampering or accidental bumping. Two safety goggles (not full face masks) and four safety signs (to warn individuals about ongoing Far-UV sanitation) are included with the light. With a recommended 20-25 minute exposure time for viruses, multiple carts can be purchased to cover larger areas quicker. The Far-UV light can disinfect over 99% of bacteria, viruses, kill 99% of viruses, bacteria, mold, and spores, mold and spores.

Benefits of Excimer Far UV Lamps: When it comes to Far-UV lamps, there are few options in the skin-safe and eye-safe wavelengths. Similar to LED lamps, excimer lamps provide "instant-on" startup, and do not require a warmup period; excimer lamps are at 100% peak output when switched on. Most lamp technologies that do product UVC use mercury in the manufacturing process. Excimer lamps have ZERO mercury, making them more environmentally friendly. Excimer lamps can be tuned to specific wavelengths (222nm wavelength for this product) and produce no harmful UVC radiation or wasteful visible light and infrared light. Excimer lamps are more efficient at converting electricity (input power) into UV irradiance, which reduces the heat output from excimer lamps over other technologies. Fluorescent, amalgam, low-pressure mercury, and high-pressure mercury lamps do not product as tight of a wavelength and generate more heat, both of which wastes energy for the UV sanitation application. Excimer lamps have a higher average UV irradiance per square inch and have a higher photon emission over other lamp technologies. Being safe for use in occupied

areas, instant-on power, mercury free, higher UV output, and low heat output make Far-UV excimer lamps the preferred choice for UV sanitation and disinfecting applications.

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

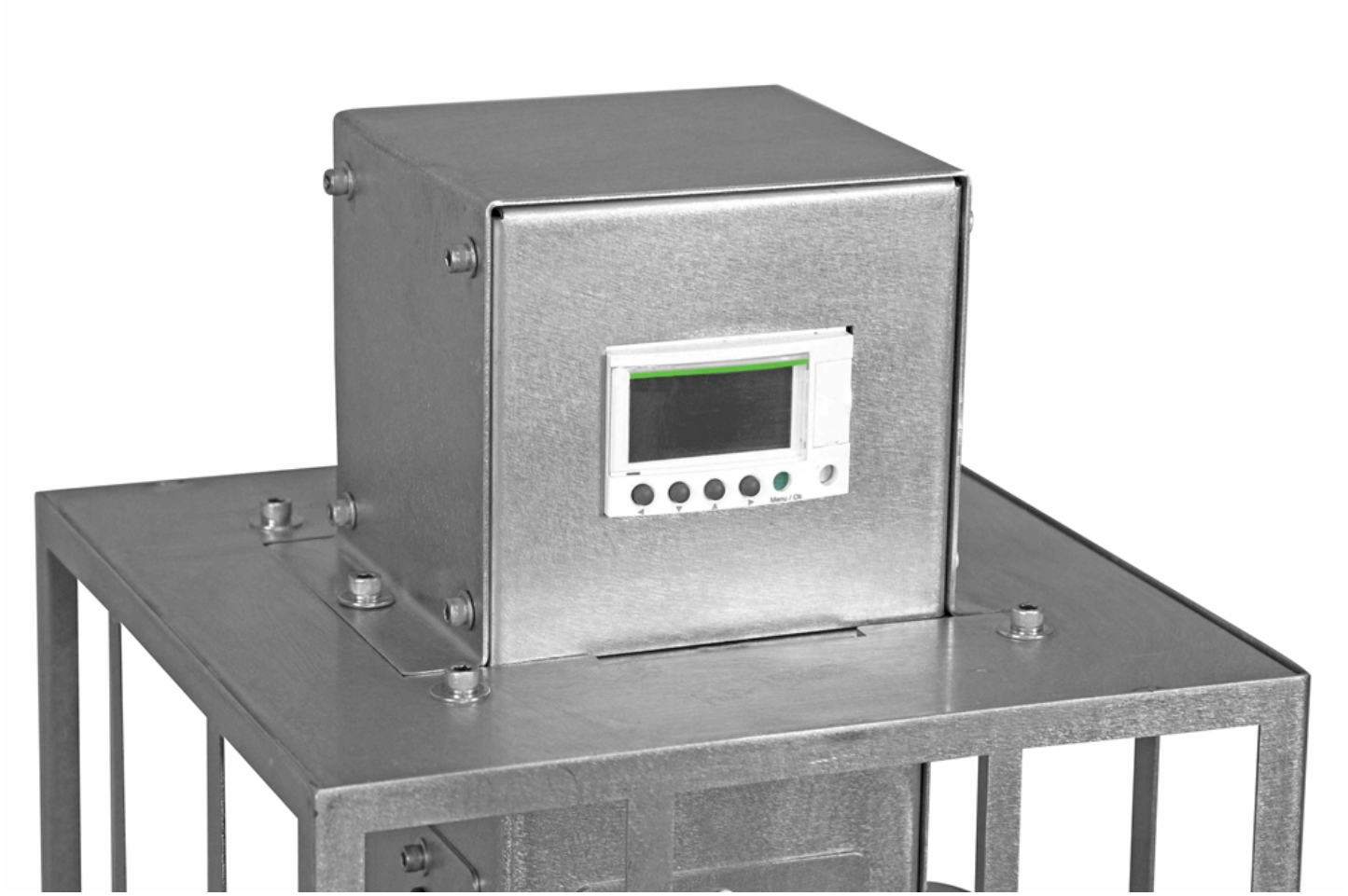
Wiring/Plug: This unit is equipped with 50 feet of 16/3 chemical and abrasion resistant SOOW cord that is fitted with an industrial grade cord cap for easy connection to common wall outlets. Plug options include standard 5-15 15 amp straight blade plug for 110V wall outlets with ground or NEMA L5-15 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.
Cart: Operators can easily move the Far-UV lighting system around facilities via four wheels at the bottom. A center rail enables seamless guidance and positioning of the unit. For best results, the light should be setup in the middle of the area.
Note on Environment: Sunlight and visible light fixtures do not impact the effectiveness of the disinfecting on this Far-UVC sanitation product. Metal halide, high pressure sodium, fluorescent, and LED light fixtures can be left on. The Far-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. Please see user manual for additional safety information.
Suggested Applications: Sanitation, disinfection, kill 99% of viruses, bacteria, mold, and spores, retail spaces, lobbies, commercial locations, industrial parks, schools, public transportation hubs, airports, office buildings, medical centers 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.

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

Frequently Asked Questions (FAQ)





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




NOTICE
THIS UNIT IS EQUIPPED
WITH A MOTION SENSOR
MOTION ON

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

RNT-IND-UC.360-48-8L-FUVC-V1-AT-KT-50C

Product ID: 269342

Export Control Classification Number (ECCN): EAR99

Options:

RNT-IND-UC.360-48-8L-FUVC-V1-AT-KT-50C-Rental Length-Cord Cap

Example: RNT-IND-UC.360-48-8L-FUVC-V1-AT-KT-50C-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):

- **Beam Information (Coverage, Datafile)**
- **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**
- **Operations Manual**
- **Spectrum Curve (Wavelength Graph)**
- **USA NEC Certificate (Commonly referred to as UL Certificate)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **HigResPic9**
- **HigResPic10**
- **Video1**
- **Video2**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**