

Industrial UV Sanitation Cart - Kills 99% of Viruses - (4) UVC Lamps - 800 sq. ft. Area - 50' SOOW Cord - Wireless Remote
IND-UC-48-4L-WR-UVC-50C



This unit is Made In USA - Manufactured in Texas

IND-UC-48-4L-UVC-WR-50C UV Sanitation Light Cart w/ Wireless Remote

Lamp Technology: UV-C Fluorescent

Lamp Qty: (4)

Dimensions: 25.00"W x 20.00"D x 60.00"H

Weight: 41 lb

Voltage: 120-277 V AC

Total Watts: 160W

Single-lamp Watts: 40W

Total UV Output: 57.2W

Single-lamp UV Output: 14.3W

Effective UV Radiation (at 1 Meter) Per Lamp: 117.0 uW/cm2 @ 1M

Total Effective UV Radiation (at 1 Meter): 468.0 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-48-1X-T8-40W-UV-C

Beam Angle: 180°

Light Configuration: Flood

Amps: -

Ambient Operating Temp Range: -22°F to 122°F

Remote Type: Wireless

Remote Range: 100'

Materials: 22 Gauge Steel, Aluminum

Reflector Material: Chrome

Mounting: Powder Coated Portable Upright Aluminum Cart with Adjustable Brackets

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

Cord Cap: 5-15 Straight, 6-15 Straight, L5-15 Twist, L6-15 Twist, UK BS1363, Intl. Schuko, or Pigtail

Shipping Weight: 101 lb

Shipping Dimensions: 48" x 60" x 30"

*****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.

Ratings/Features

Short-wave Germicidal Light

Kills 99% of Viruses and Other Germs

Made in USA - Manufactured in Texas

Special Orders - Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-214-616-6180

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

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.***

This unit is Made In USA - Manufactured in Texas

The Larson Electronics IND-UC-48-4L-UVC-WR-50C is an Industrial UV Sanitation Cart 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 four UVC fluorescent lamps. Supported by a wireless remote, the lights are mounted to a powder coated aluminum cart for seamless mobility.

****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-UC-48-4L-UVC-WR-50C is a powerful sanitation solution for industrial sites and commercial facilities. Equipped with four UVC fluorescent lamps, this system offers 57.2 watts of 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. This UV system caters to 800 square feet of space with 180 degrees of coverage. Operators may move the cart around after exposure time to disinfect several sections. With a recommended 20-25 minute exposure time for viruses, multiple carts can be purchased to cover larger areas quicker. The UV light can disinfect over 99% of bacteria, viruses, mold, and spores.

Distance from Cart	Irradiance/Second	Exposure Time Required*	Beam Width	Beam Height
6 inch	4829.76 uW/cm2	8.7 seconds	2 ft	4 ft
12 inch	2426.11 uW/cm2	17.31 seconds	2.25 ft	4 ft
18 inch	1347.84 uW/cm2	31.16 seconds	2.5 ft	4 ft
2 foot	872.35 uW/cm2	48.15 seconds	3 ft	4 ft
3 foot	456.77 uW/cm2	1.5 minutes	4.5 ft	4 ft
4 foot	230.26 uW/cm2	3 minutes	6 ft	4 ft
5 foot	147.36 uW/cm2	4.75 minutes	7.5 ft	4 ft
6 foot	102.34 uW/cm2	7 minutes	9 ft	4 ft
7 foot	75.19 uW/cm2	9.5 minutes	10.5 ft	4 ft
8 foot	57.56 uW/cm2	12.5 minutes	12.25 ft	4 ft
9 foot	45.48 uW/cm2	16 minutes	13.5 ft	4 ft
10 foot	36.84 uW/cm2	19 minutes	15.25 ft	4 ft
12 foot	25.58 uW/cm2	28 minutes	18.5 ft	4 ft
15 foot	16.37 uW/cm2	43 minutes	23 ft	4 ft
18 foot	11.37 uW/cm2	62 minutes	27.5 ft	4 ft
20 foot	9.21 uW/cm2	76 minutes	30 ft	4 ft

*Exposure time is based off of total irradiance. The above calculations are based on 12mJ total exposure. This level of exposure deactivates most organisms.

The fixture's housing is constructed of 22 gauge steel and painted for corrosion resistance. A chrome reflector helps improve illumination and light spread in the area.

Cart: The cart allows the entire fixture to be easily wheeled into position as needed, and can be laid flat for sliding the cart under vehicles or into hard to reach areas. This cart is highly versatile and gives the operator the ability to easily move the entire assembly around the work space simply by leaning the cart back and rolling it into position. Also included is a fold down handle and unidirectional caster wheels that allows operators to lay the unit flat and wheel it into hard to reach areas such as underneath vehicles in paint spray booths.

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[5-15 Straight Blade Plug](#)
[15 Amp / 125V Rated](#)

[UK BS1363 Straight Blade Plug](#)
[13 Amp / 250V Rated / Internal Fuse](#)

[L5-15 Twist Lock Plug](#)
[15 Amp / 125V Rated](#)

[Intl Schuko 2-Pin Plug](#)
[16 Amp / 250V Rated / Grounded](#)

[L6-15 Twist Lock Plug](#)
[15 Amp / 250V 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, standard 6-15 15 amp straight blade plug for 220-240V wall outlets with ground, NEMA L5-15 15 amp twist lock plug for 125V twist lock outlets, NEMA L6-15 15 amp twist lock plug for 240V twist lock outlets, British BS1363 13 amp fused 3-blade plug for United Kingdom outlets, or a two pin 16 amp rated Schuko plug with ground contact and socket for European outlets up to 250V. 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.

Wireless Remote: This UV sanitation light cart comes with a wireless remote. The remote has a 100' range and allows operators to power the unit on and off from a safe distance.

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.

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 the 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>

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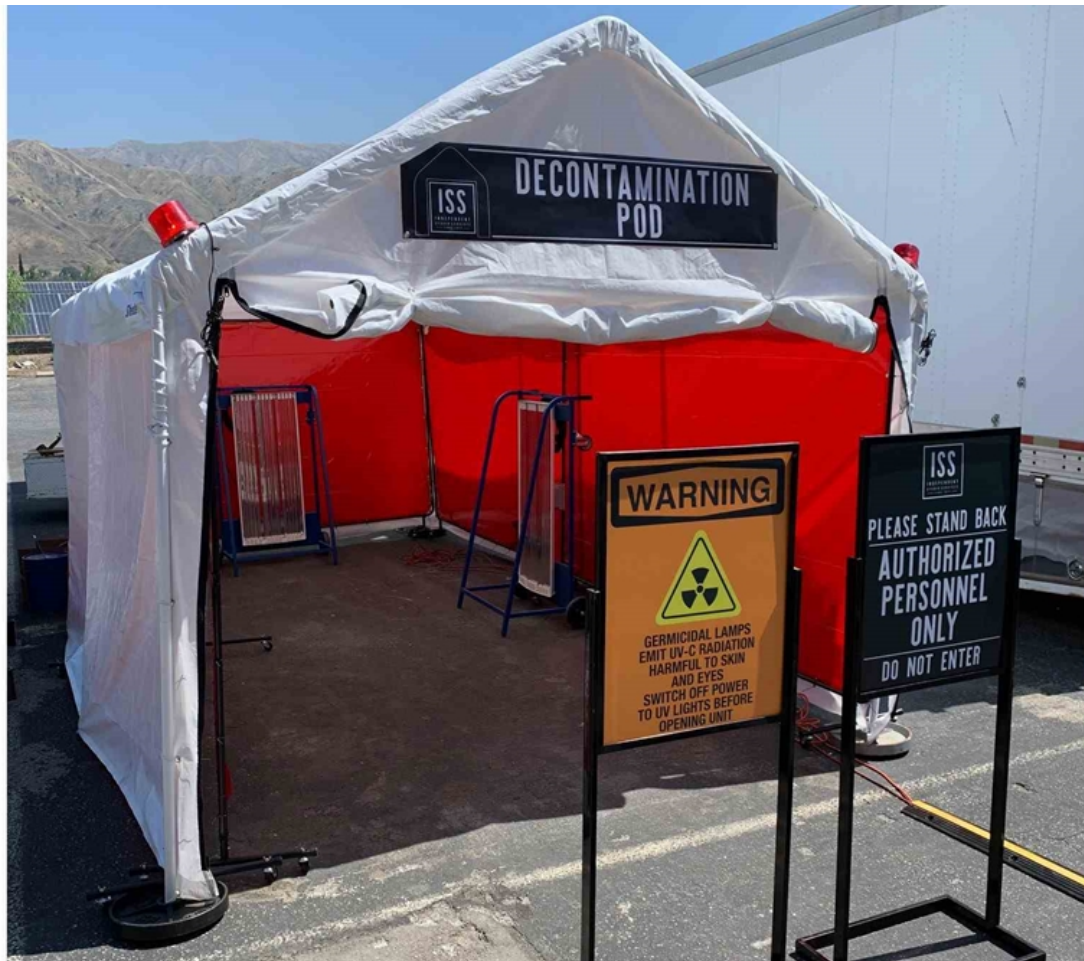


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Options:

IND-UC-48-4L-WR-UVC-50C-Cord Cap

Example: IND-UC-48-4L-WR-UVC-50C-5.15

Cord Cap	
5-15 STRAIGHT	-5.15
6-15 STRAIGHT	-6.15
L5-15 TWIST	-L5.15
L6-15 TWIST	-L6.15
UK BS1363	-BS1363
INTL SCHUKO	-Schuko
PIGTAIL	-Pigtail

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