

IND-LLP-UVC-KT.EV-R1-120V

UV Disinfection Package for Elevators

Product ID: 268264

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.

These units are Made In USA - Manufactured in Texas

IND-LLP-UVC-KT.EV-R1-120V UV Disinfection Package for Elevators

Corner Mount Elevator UVC Fixture

Listing: -

Lamp Technology: UV Fluorescent

Dimensions: 48.75" x 8.875"

Weight: -

Voltage: 120-277 V AC

Frequency: 50/60 Hz

Total Watts: 40W

Single-lamp Watts: 40W

Total UV Output (Watts): 14.30W

Single-lamp UV Output (Watts): 14.30W

Total Radiant Intensity: 117 uW/cm²

Single-lamp Irradiance: 117 uW/cm²

Lamp Life: 8,000 Hours

UV Band: UVC 254nm (200nm - 280nm)

Peak Wavelength: 280nm

Lamp Type: UV T8 Fluorescent

Lamp Base: G13 (Medium Bi-Pin Fluorescent)

Replacement Lamp: FRL-48-1X-T8-40W-UV-C

Beam Angle: -

Lighting Configuration: Flood Pattern

Ballast Quantity: 1

Ballast Voltage: 120-277 V AC, 50/60 Hz

Sensor Type: Internal/Embedded Microwave Motion Sensor

Sensor Coverage Area: 12' x 12'

UVC Fixture - Ratings/Approvals

(1) 4' UV Fluorescent Lamp

Germicide Applications

Ideal for Elevator Cars

Kills 99% of Viruses and Other Germs

Amps: 0.6 A @ 120 V, 0.3 A @ 240 V, 0.26 A @ 277 V
Operating Temp Range: -30°C to 85°C
Housing Material: 304 Stainless Steel
Hardware/Hub Material: Zinc Coated Hub
Lens Material: N/A
Lamp Coating: Shatter Resistant PEF Coating
Mounting: (4) L-bracket Mounting Taps at Each Corner
Hub Quantity: 2
Wiring Hub Size: 1/2" or 3/4" Threaded

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.

IND-AHC-TRF-2X2-UVC-R1-120V UV Air Disinfection for Occupied Areas

Lamp Technology: UV-C Fluorescent
Lamp Quantity: (3) UVC Lamps
Dimensions: -
Weight: -
Voltage: 120V AC
Total Watts: 45W
Single-lamp Watts: 15W
Total UV Output: 15.9W
Single-lamp UV Output: 5.3W
Total UV Irradiance: 132 uW/cm2 at 3 feet
Expected Lifespan: 8,000+ Hours
UV Wavelength: 254nm
Lamp Type: T8 1.5F
Lamp Base: G13
Replacement Lamp: -
Beam Angle: 360°
Light Configuration: Flood
Internal Reflector: Polished
Ballast Type: Electronic
Disconnect: Interlock Safety Switch
Nominal Capacity: 105 cubic ft/minute
Max. Room Size Treated at 3 Room Air Changes/Hour: 2,100 cubic ft
Max. Room Size Treated at 6 Room Air Changes/Hour: 1,050 cubic ft
Max. Treatment Capacity: 6,300 cubic ft/hour
Amps: -
Ambient Operating Temp Range: -
Materials: 304 Stainless Steel, Aluminum
Mounting: 2x2 Troffer Mount
Air Flow Exit: Louvered Exhaust Panel

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.

XLE-MD-AK-R1 Contact-less Device

Unit Type: Stainless Steel Key
Dimensions: -
Weight: -
Design: C-hook
Material: Stainless Steel
Finish: Natural
Mount: Key Chain / Belt Clip

UV Air Disinfection - Ratings/Features

Short-wave Germicidal Light
LED Indicator Lights

Special Orders - Special Requirements

Contact us for special requirements
Intl: 1-903-270-1187
Toll Free: 1-800-369-6671
Fax: 1-903-498-3364
E-mail: sales@larsonelectronics.com

The IND-LLP-UVC-KT.EV-R1-120V from Larson Electronics is a UV Disinfection Package for Elevators that includes everything needed to disinfect elevators and lifts. The IND-LLP-UVC-KT.EV-R1-120V includes one corner mount UVC fluorescent fixture, one industrial UV air purifier,

and one no-touch c-hook key.

The IND-LLP-UVC-KT.EV-R1-120V includes everything needed to disinfect elevators and keep them safe for use.

****Please note: These products produce 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-LLP-UVC-KT.EV-R1-120V is designed for use in elevators and lifts. This UV disinfection package includes (1) [IND-EV-SS-48-1L-UVC-V1-MS](#), (1) [IND-AHC-TRF-2X2-UVC-R1-120V](#), and (1) [XLE-MD-AK-R1](#). These UVC disinfection devices can be mounted in elevators and lifts and used to kill 99% of viruses, mold, spores, and bacteria. The no-touch key allows for the operation of elevators and lifts with no direct skin contact to surfaces.

Corner Mount UV Fixture Information: The IND-LLP-UVC-KT.EV-R1-120V includes (1) [IND-EV-SS-48-1L-UVC-V1-MS](#) corner mount UV fluorescent fixture. This unit provides UVC illumination at a 45° angle to the ground which is ideal for use in elevators. This 40-watt unit features one, 4-foot UV fluorescent lamp with shatter proof coating, housed in a 304 stainless steel housing. The luminary caters to corner surface mounting, operates on 120-277V AC, 50/60 Hz, and is equipped with a motion sensor and automatic timer. The IND-EV-SS-48-1L-UVC-V1-MS is a fluorescent-based UV lighting system for elevators requiring effective sanitation or disinfection. Consisting of one, 4-foot fluorescent UV lamp, the 40-watt unit offers 254nm UVC output with a wavelength range of 200nm to 280nm. Radiant intensity is 117 uW/cm² per lamp and total UV output is 11.78 watts. This UV fixture operates on 120-277V AC, 50/60 Hz (ballast voltage) and features a G13 medium bi-pin cap base. The UV lamps contain an 8,000-hour useful lifespan.

The UV light's housing is constructed of 304 stainless steel, with zinc-coated hubs. A durable PEF coating makes the lamp shatter resistant and provides protection from impacts. Should the bulb break during an emergency, the internal contents and glass will remain trapped inside the unit. This coating adds an extra layer of safety for elevator passengers and maintenance crews.

UV radiation from the unit can damage the skin and eyes without proper protection. Operators should avoid exposure to the eyes and skin when the unit is unshielded (for use in enclosed environments only). In the event of lamp breakage, it is recommended to ventilate the room for 30 minutes and clean the area with gloves (not a vacuum cleaner). Contents should be stored in a sealed plastic bag and brought to a waste/recycling facility.

Motion Sensor: The IND-EV-SS-48-1L-UVC-V1-MS is equipped with a microwave motion sensor for an additional layer of safety while the unit is in use. Due to the potential harm UVC light can cause to a person's skin and vision, it is unsafe to be near the light while it is powered on. To avoid accidental exposure to the UV light produced by this sanitation cart, it is equipped with a 360° motion sensor. When the motion sensor detects movement inside the elevator car, it will power off the light. When no motion has been detected for at least 5 minutes, the unit will power back on. This component is capable of sensing through thin materials (it does not need direct line of sight) and effectively covers 12' x 12' areas. The internal, embedded motion sensor is not visible from the outside of the unit.

Timer: The IND-EV-SS-48-1L-UVC-V1-MS features a digital timer that shuts the unit off after five minutes of runtime. This saves energy by preventing the fixture from running continuously after disinfection has taken place.

Mounting/Wiring: The IND-EV-SS-48-1L-UVC-V1-MS features a corner surface mounting system that allows the beam to project at a 45° towards the ground. Operators may use four L-bracket mounting taps (one at each corner) for secure installations. Combine 2-3 of these fixtures in each elevator car for best results. Power connections to the UV unit can be completed via two accessible, threaded wiring hubs (1/2" or 3/4").

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.

Applications: Elevator car disinfection.

Industrial Air Purifier Information: The IND-LLP-UVC-KT.EV-R1-120V includes (1) [IND-AHC-TRF-2X2-UVC-R1-120V](#) industrial air purifier. This unit uses three T8 UVC lamps that provide 15.9 watts of total UV output during UV treatment. Designed for 2x2 troffer mount installations on ceilings, the UV air purifier operates on 120V AC and is protected by 304 stainless steel enclosure. The IND-AHC-TRF-2X2-UVC-R1-120V is a powerful sanitation solution for occupied areas in buildings. Equipped with three T8 UVC fluorescent lamps, this system offers 15.9 watts of total UV output, within the 200nm - 280nm UV-C range (254 nm peak). The lights have an expected lifespan of 8,000+ hours and emit a flood beam pattern inside the unit. The UV chamber has a polished surface to maximize light distribution during UV treatment. Constructed of 304 stainless steel, the UV lights are enclosed inside the unit preventing UV exposure in occupied areas. An interlock safety switch ensures automatic disconnection of power to the system when the access panel is unhinged.

Operation: Surrounding "dirty" air is drawn into the UV purifier via filters. The "dirty" air passes through the UV sanitation chamber where it is treated with UVC light using the three T8 fluorescent lamps. The disinfection process kills up to 99.9% of viruses, bacteria, mold, spores and other harmful microbes. Clean sanitized air exits the chamber through a louvered exhaust panel and is released back into the environment. This low-maintenance air disinfection process is continuous and quiet.

Mounting: The IND-AHC-TRF-2X2-UVC-R1-120V is compatible with 2x2 troffer mount installations on ceilings. We offer models with surface mount features for installations on ceilings without tiles or grids.

Applications: Elevator car disinfection.

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.

No-Touch Key Information: The IND-LLP-UVC-KT.EV-R1-120V includes (1) [XLE-MD-AK-R1](#) no-touch c-hook key. This unit has a C-hook design that can be used to open hook-style handles or press elevator buttons. This stainless steel device can be attached to standard key chains and features a belt clip for hooking to belt loops.

The XLE-MD-AK-R1 facilitates contact-less opening of doors and pressing of buttons at ATMs, kiosks, elevators, gas station pumps, checkout registers, retail stores, payment pads and more. A C-hook design makes attaching onto hook-style handles quick and seamless. This compact device is made out of stainless steel for durability and extended use. A small circular opening allows the unit to be secured on standard key chains.

Suggested Applications: Contact-less activities, no-contact pressing, door handles, elevators, lifts, public locations, work sites, daily activities, 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

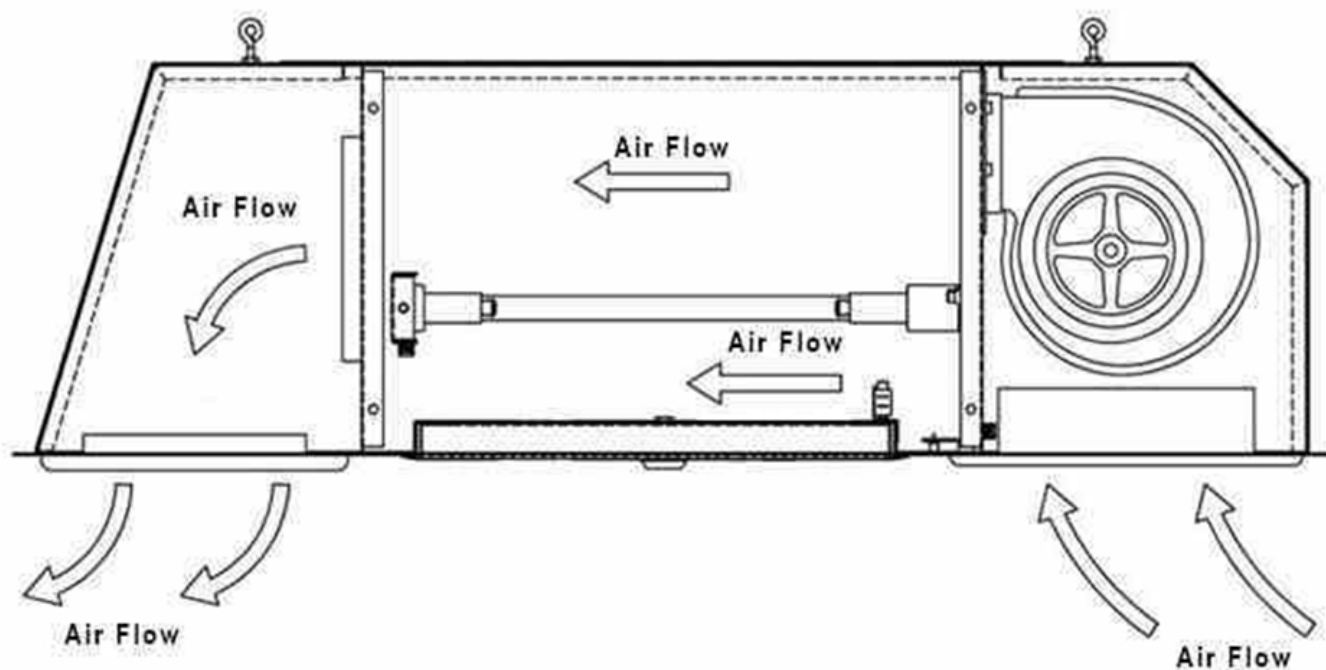
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Frequently Asked Questions (FAQ)









IND-LLP-UVC-KT.EV-R1-120V

Product ID: 268264

Export Control Classification Number (ECCN): EAR99

Options:

IND-LLP-UVC-KT.EV-R1-120V-**Hub Config**

Example: IND-LLP-UVC-KT.EV-R1-120V-0.5IN

Hub Config	
1/2IN	-0.5IN
3/4IN	-0.75IN

Links (Click on the below items to view):

- [Eye Safety Information/Certificate](#)
- [Operations Manual](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
- [HigResPic8](#)
- [HigResPic9](#)
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- [Video1](#)
- [Video4](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
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