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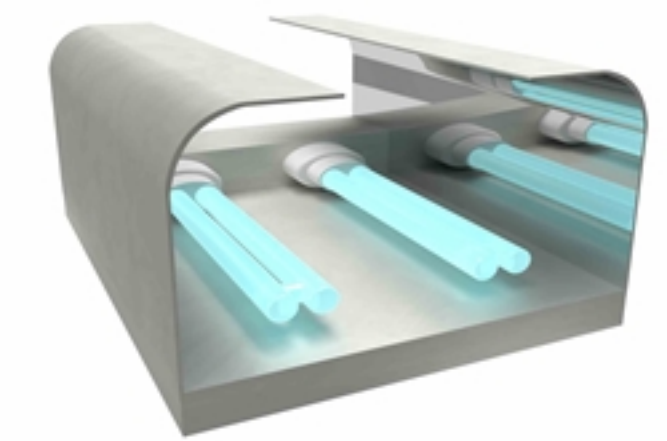
IND-HR-UVC-UXS-R1-BX-2L-120V-10X-2X

Internal Escalator Handrail UV Sanitizer Light Kit - (2) Devices Included - (2) UVC Lamps Per Device - Stainless Steel

Product ID: 272080

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-HR-UVC-UXS-R1-BX-2L-120V-10X-2X UV Escalator Handrail Sanitizer Kit

Lamp Technology: UV-C Fluorescent

Device Quantity: (2) Per Kit (One for Each Handrail on an Escalator or Power Walk)

Lamp Quantity: (2) Per Device, (4) Total

Dimensions: -

Weight: +/- 65 lb each

Voltage: 120 V AC

Total Watts: 18W Per Device (36W Total)

Single-lamp Watts: 9W

Total UV Output: 4.8W Per Device (9.6W Total)

Single-lamp UV Output: 2.4W

Total UV Irradiance: -

Expected Lifespan: 8,000+ Hours
UV Wavelength: UV-C, 200nm - 280nm (254 nm)
Lamp Type: UV-C Compact Fluorescent
Lamp Base: 2-Pin G23 Base
Replacement Lamp: FRL-6-1X-G23-9W-UVC
Beam Angle: 360°
Light Configuration: Flood

Ratings/Features

Short-wave Germicidal Lights

Produces NO Ozone

Kills 99% of Viruses and Other Germs

Includes Sanitation Device for (2) Rails

Sanitizing Capacity: 200 ft/min

Safety: Internally Mounted (Greatly Reduces Potential for UV Exposure)

Amps: 0.5 A @ 120 V

Ambient Operating Temp Range: -

Materials: Stainless Steel

Reflector Finish: Mirror Finish for Side Coverage

Mounting: Internal Installation

Wiring: -

Cord Cap: -

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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The Larson Electronics IND-HR-UVC-UXS-R1-BX-2L-120V-10X-2X is an Internal Escalator Handrail UV Sanitizer Kit for busy locations and occupied areas. This kit comes with a pair of 18-watt units that each have two UV fluorescent lamps that provide germicidal UV-C output at a range of 280 nm - 200 nm (254 nm peak). Capable of sanitizing handrails of escalators and power walks that operate up to 200 ft/min, the UV disinfection device is protected by a stainless steel enclosure. This sanitizer mounts on the inside of escalators or power walks, which offers peace of mind and confidence for people in the occupied area. The UV lights in these devices are strategically positioned to maximize UV output while the reflective mirror finish provides coverage to the belt itself as well as the sides of the belt.

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-HR-UVC-UXS-R1-BX-2L-120V-10X-2X kit sanitizes escalator handrails without contact and abrasive liquid cleaners using powerful UV technology. Shipped with two devices, each UV light in this kit is equipped with two UV fluorescent lamps. Each lamp in these units offers 2.4 watts of UV output, within the 200 nm to 280 nm UV-C range. Unlike UV LEDs that emit 276 nm to 283 nm, these germicidal fluorescent lights are optimized at 254 nm. The 254 nm band ensures maximum UV absorption during treatment. Sanitation using this UV-C wavelength with fluorescent lights has been tested extensively and is the current industry standard.

Please note: The IND-HR-UVC-UXS-R1-BX-2L-120V-10X-2X kit includes two handrail sanitizers to cover both handrails on an escalator or power walk.

This solution is recommended for escalators and power walks that operate up to 200 ft/min. With an expected lifespan of 8,000+ hours, the lights emit a flood beam pattern during UV treatment. The lamps DO NOT produce ozone. The handrail sanitizers are mounted internally which allows the system to be used in busy locations without risk of UV exposure.

The units included with the IND-HR-UVC-UXS-R1-BX-2L-120V-10X-2X kit are compatible with motion sensing escalators. The handrail sanitizers themselves are NOT motion activated, but can be wired to motion sensing escalators so that the UV lights only turn on when the escalator is in motion instead of running continually.

Please note: These units do NOT add motion sensing ability to existing escalators. They are simply compatible with escalators that already have motion sensing.

Voltage: These handrail sanitizers operate on 120 V AC. We also offer models that operate on 24 V. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about voltage options.
Mount: The IND-HR-UVC-UXS-R1-BX-2L-120V-10X-2X mounts on the inside of escalators. This interior mounting allows the handrail sanitizers to be used in public areas without the danger of possible UV exposure.
Suggested Applications: Sanitation and disinfection of escalators handrails and power walk handrails in commercial buildings, retail spaces, malls, mass transit stations, subways, airports, schools, 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.

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Frequently Asked Questions (FAQ)

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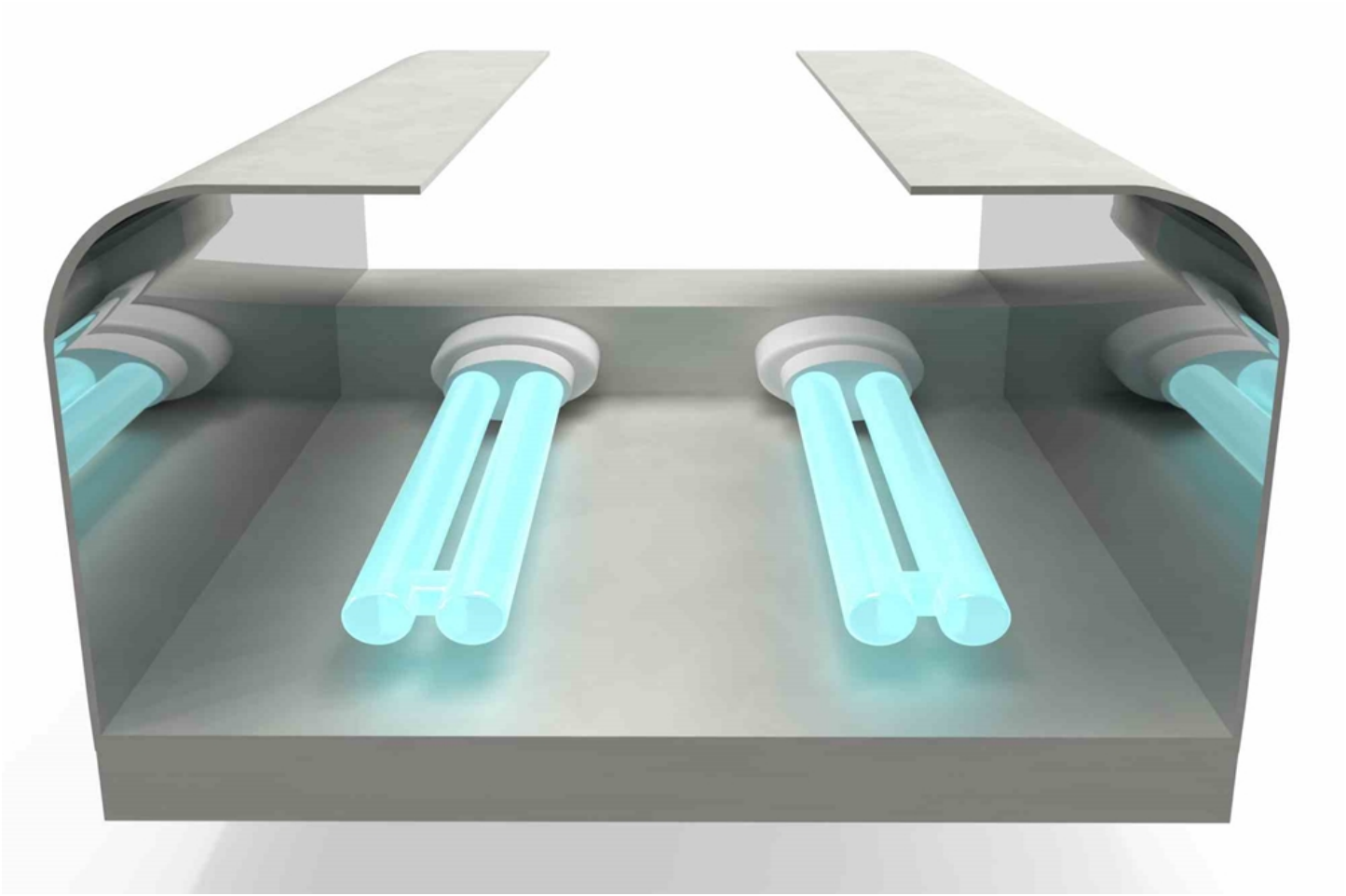



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Product ID: 272080

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Eye Safety Information/Certificate**
- **Wiring Diagram (Oneline)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **Video1**
- **Video2**
- **Video4**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**