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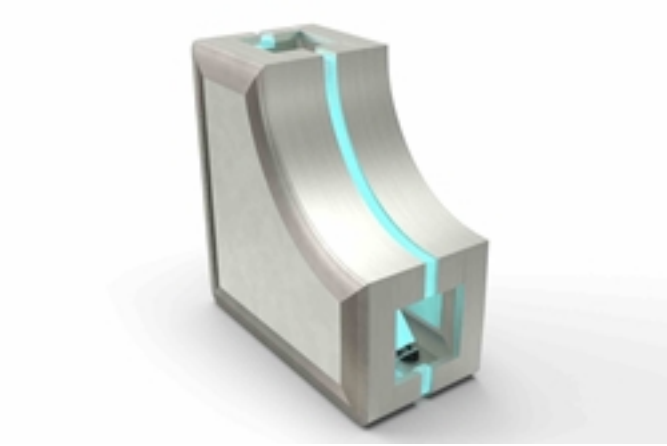
www.LarsonElectronics.com
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IND-HR-UVC-EXS-R1-24-3L-AS-120V-2X

60W Escalator Handrail UV Sanitizer - (3) UVC Lamps - 200ft/min Capacity - Emer. Switch/Auto Sensor

Product ID: 268425

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-EXS-R1-24-3L-AS-120V-2X UV Handrail Sanitizer w/ Auto Sensor

Lamp Technology: UV-C Fluorescent

Lamp Quantity: (3) per device, (6) total

Dimensions: -

Weight: -

Voltage: 120V AC

Total Watts: 60W per device 120W combined

Single-lamp Watts: 20W

Total UV Output: 27.3W per device

Single-lamp UV Output: 9.1W

Total UV Irradiance: 225 µW/cm² @ 1 Meter per lamp

Expected Lifespan: 8,000+ Hours

UV Wavelength: UV-C, 200nm - 280nm (254 nm)

Lamp Type: T8

Lamp Base: G13 (Medium Bi-Pin)

Replacement Lamp: -

Beam Angle: 360º

Light Configuration: Flood

Power Efficiency: -

Power Factor: -

Ratings/Features

Short-wave Germicidal Lights

Produces NO Ozone

Kills 99% of Viruses and Other Germs

Includes Sanitation Device for (2) Rail

EPA Reg. No 98409-1

EPA Est. No. 98409-TX-1

Sanitizing Capacity: 200 ft/min
Safety: Purple Indicator Strip w/ Label and 24" x 12" Vinyl Banner ("Disinfected w/ UV Light"), Automatic Sensor, Emergency Switch
Amps: 0.5A @ 120V
Ambient Operating Temp Range: -
Materials: Stainless Steel
Lens Material: -
Mounting: Base/Handrail
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-EXS-R1-24-3L-AS-120V-2X is an Escalator Handrail UV Sanitizer with an Automatic Sensor for busy locations and occupied areas. This 60-watt unit has three 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 200ft/min, the UV disinfection device is protected by a stainless steel enclosure. This sanitizer mounts on the exterior base of handrails, which offers peace of mind and confidence for people in the occupied area.

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-HR-UVC-EXS-R1-24-3L-AS-120V-2X sanitizes escalator handrails without contact and abrasive liquid cleaners using powerful UV technology. Equipped with three UV fluorescent lamps, the unit offers 9.1 watts of UV output per lamp, 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. For increased safety, the system is equipped with an emergency switch and automatic sensor that activates the UV lamps when movement is detected.

Please note: This part # is for qty 2 rail cleaner.

This solution is recommended for escalators and power walks that operate up to 200ft/min. With an expected lifespan of 8,000+ hours, the lights emit a flood beam pattern during UV treatment. This UV-C unit has a G13 medium bi-pin base that accept T8 UV bulbs. The lamps DO NOT produce ozone. All UV lamps are enclosed in a heavy-duty stainless steel enclosure, which allows the system to be used in busy locations without risk of UV exposure. For added safety, a purple indicator strip with a label displaying the phrase "Disinfected with UV Light" and a 24" x 12" vinyl banner (same phrase) are included with this sanitation unit.

Voltage: The handrail sanitizer operates on 120V AC.

Mount: The IND-HR-UVC-EXS-R1-24-3L-AS-120V-2X mounts directly on the exterior base of the escalator handrail. This exterior mounting solution provides confidence for people using the escalator or power walk, knowing that the handrail is constantly being sanitized.

Suggested Applications: Sanitation, disinfection, escalators, power walks, handrails, commercial buildings, retail spaces, malls, mass transit stations, subways, airports, schools and more; kills 99% of viruses, bacteria, mold and spores.

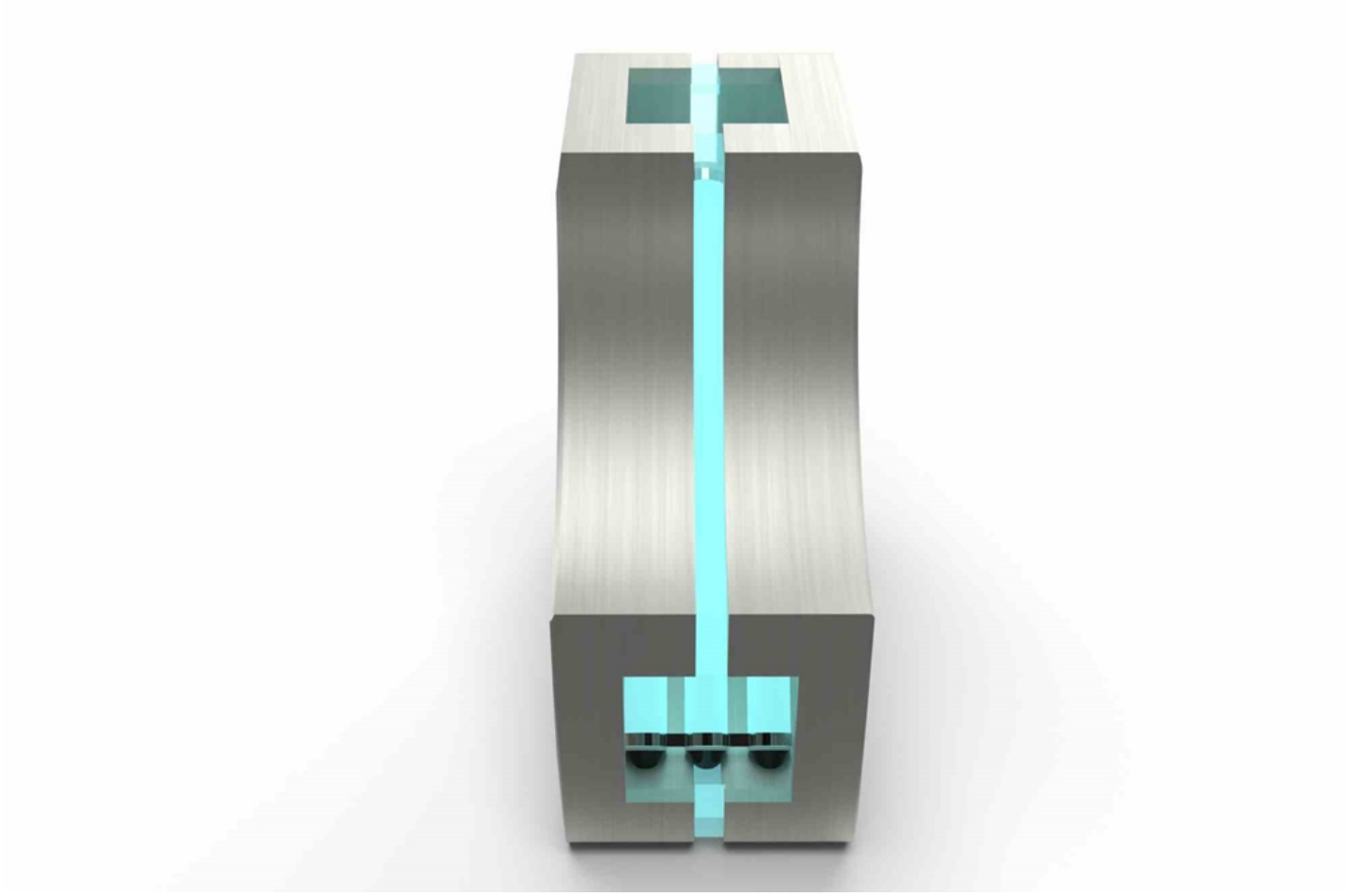
At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, 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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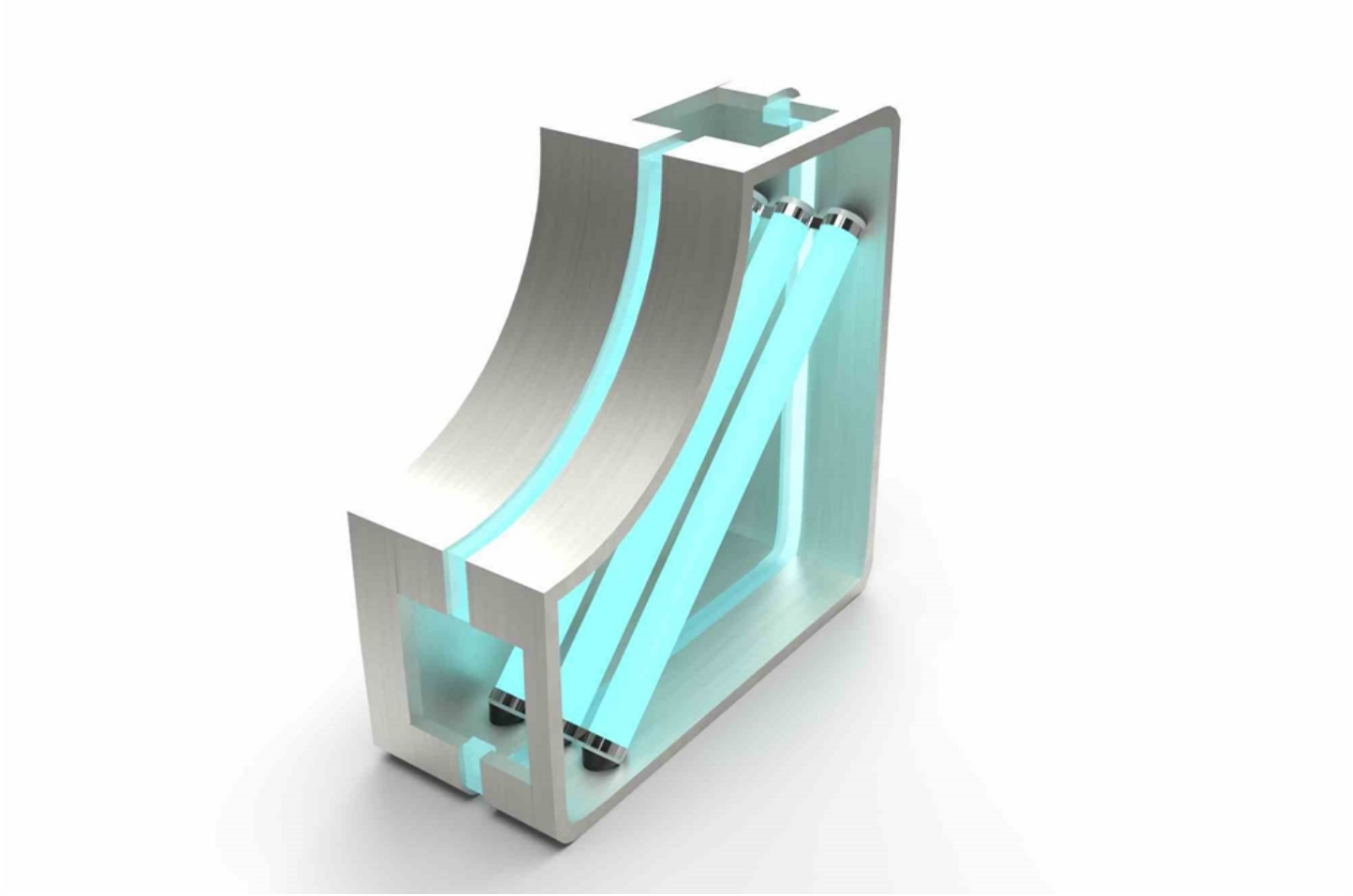
Frequently Asked Questions (FAQ)

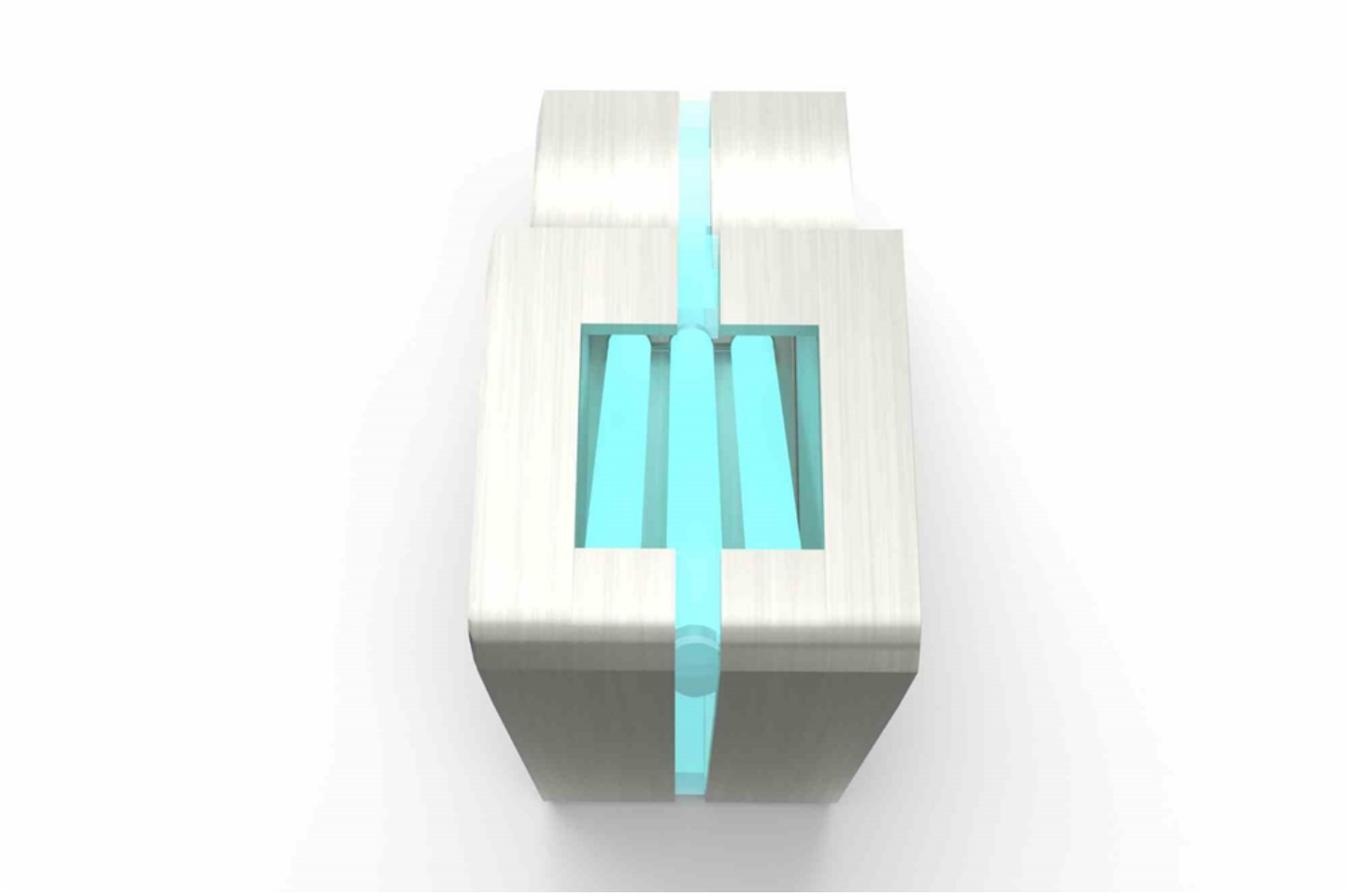




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Product ID: 268425

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Certificate 4, Misc**
- **Eye Safety Information/Certificate**
- **Operations Manual**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **Video1**
- **Video2**
- **Video4**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**