Larson Electronics LLC
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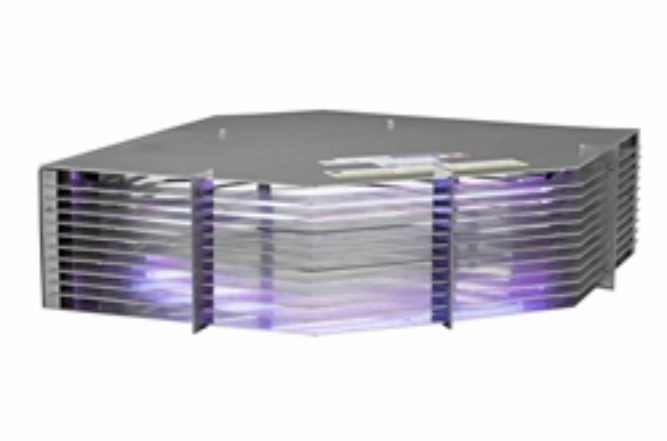
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IND-AH-FUVC-EX-LF-24-SF-CWM-10C-120V

Indirect UV Air Disinfection Fixture - Far UV-C - Destroys Airborne Bacteria & Viruses - 120V - 40 uW/cm2 UV Intensity - Corner Mount - 10' 16/3 SOOW Cord w/ Cord Cap

Product ID: 270851

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-AH-FUVC-EX-LF-24-SF-CWM-10C-120V Indirect Far UV Air Disinfection Fixture

Lamp Technology: Far UV-C Excimer Lamp
Dimensions: 30.1"-L x 21.15"-D x 6.2"-H
Weight: 38 lb
Voltage: 120 V AC, 50/60 Hz
Total Watts: 40W
Total UV Intensity: 40 uW/cm2 @ 1.57"
Expected Lifespan: 10,000+ Hours
UV Wavelength: Far UV - 222 nm
Lamp Base: -
Replacement Lamp: FRL-EMX-6-40W-FUVC
Beam Angle: 360°
Light Configuration: Flood
Amps: -
Ambient Operating Temp Range: -
Materials: 304 Stainless Steel Enclosure
Front Panel: Louvers
Mounting: Corner Mount
Wiring: 10' 16/3 SOOW Cord w/ General Area Cord Cap
Cord Cap: 5-15, 5-20, L5-15, L5-20, or Pigtail

***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

Ratings/Features

Kills 99% of Viruses and Other Germs
Short-wave Germicidal Light
Destroys Airborne Bacteria and Viruses
DEPA Reg. No 98409-1
EPA Est. No. 98409-TX-1

Special Orders - Special Requirements

Contact us for special requirements

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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.***

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The IND-AH-FUVC-EX-LF-24-SF-CWM-10C-120V from Larson Electronics is an Indirect Far UV Air Disinfection Fixture that works to disinfect the upper room air of occupied spaces via germicidal ultraviolet (Far UV-C) rays. This unit helps to reduce the risk of cross infection and minimizes the exposure of occupants to infectious airborne microbes. This stainless steel air disinfection unit features a single 40 watt UV bulb that produces 40 uW/cm2 of UV intensity at a wavelength of 222 nm. The IND-AH-FUVC-EX-LF-24-SF-CWM-10C-120V is a corner-mount unit and operates on 120 V AC current.

Please note: This product produces Far-UV light. Far UV-C light has shown in some studies to be eye-safe and skin-safe, while still effective as a germicidal and sanitation device, making it safe to use continually in occupied areas. 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-AH-FUVC-EX-LF-24-SF-CWM-10C-120V is a powerful sanitation solution that has eye and skin safe features for public spaces. Equipped with a Far UV-C lamp, this system offers 40 uW/cm2 of UV intensity at a wavelength of 222 nm. The ozone-free lights have an expected lifespan of 10,000+ hours and emit a flood beam pattern with 180 degrees of coverage. This UV light is protected by a quartz glass. The far-UV light can disinfect over 99% of viruses, bacteria, mold and spores. This lamp is considered to be eye and skin safe (the 222nm UV wavelength cannot penetrate the eyes and skin of humans), making applications suitable in occupied areas requiring sanitation. Designed for cool operation, the instant-start light is efficient at eliminating harmful microbes, viruses and bacteria at low doses. The IND-AH-FUVC-EX-LF-24-SF-CWM-10C-120V can be used continuously in occupied areas such as restaurants, public spaces, and office buildings.

Operation: This indirect Far UV air disinfection fixture projects ultraviolet rays across the top of the room it is mounted in. The upper air in the room that passes through the UV rays via convection currents or forced air circulation is then sanitized. Bacteria and viruses present in the air that passes through the UV rays produced by the fixture are destroyed. The air in the room is constantly being purified as it flows through the UV rays being produced by the fixture. The IND-AH-FUVC-EX-LF-24-SF-CWM-10C-120V is capable of disinfecting the air within an area nine feet wide and 16.25 feet long from the front of the unit.

Construction: The enclosure of the IND-AH-FUVC-EX-LF-24-SF-CWM-10C-120V is built from 304 stainless steel. A series of front mounted louvers protects people from harmful UV light as well as maximizing the amount of UV rays that are projected across the upper air of the room. Parabolic reflectors with specular aluminum inserts directs as much light from the bulb out of the unit as possible.

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 indirect UV air disinfection fixture is equipped with 10 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, NEMA L5-15 15 amp twist lock plug for 125V twist lock outlets, standard 5-20 20 amp straight blade plug for 110V wall outlets with ground or or NEMA L5-20 20 amp twist lock plug for 125V twist lock outlets. Alternatively, we can provide flying leads with no plugfor 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.
Mounting: The IND-AH-FUVC-EX-LF-24-SF-CWM-10C-120V is designed to be mounted in corners of rooms and upper areas where standard wall-mount UV air disinfection fixtures are not suitable. The minimum mounting height is seven feet from the bottom of the unit to the floor. The mounting surface must be able to support the unit`s weight.
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. Please see user manual for additional safety information.
Applications: This ultraviolet indirect UV air disinfection unit can be used to continuously disinfect air of mold, allergens, airborne bacteria, viruses, and germs. The IND-AH-FUVC-EX-LF-24-SF-CWM-10C-120V is ideal for use in restaurants, hospitals, clinics, laboratories, nursing homes, schools, food processing facilities, office buildings, conference rooms, universities, clean rooms, and many more.
Larson Electronics is a manufacturer and as such can build stationary and portable transformer systems to your specifications. Although we carry several models of power distribution transformer systems, we can deliver custom ordered units almost as quickly as our prebuilt units. If this model does not meet your needs, please contact us at 1-800-369-6671 or sales@larsonelectronics.com to discuss your specific requirements.

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Frequently Asked Questions (FAQ)

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Product ID: 270851

Export Control Classification Number (ECCN): EAR99

Options:

IND-AH-FUVC-EX-LF-24-SF-CWM-10C-120V-Cord Cap

Example: IND-AH-FUVC-EX-LF-24-SF-CWM-10C-120V-5.15

Cord Cap	
5-15 STRAIGHT	-5.15
5-20 STRAIGHT	-5.20
L5-15 TWIST	-L5.15
L5-20 TWIST	-L5.20
PIGTAIL	-Pigtail

Links (Click on the below items to view):

- **Beam Information (Coverage, Datafile)**
- **Certificate 4, Misc**
- **Dimensional Drawing 2D**
- **Lighting Facts & Information**
- **Spectrum Curve (Wavelength Graph)**
- **Wiring Diagram (Oneline)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **HigResPic9**
- **HigResPic10**
- **Video1**
- **Video2**
- **Video3**
- **Video4**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**