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IND-HB-48-6L-UVC-T8-V1-MS-10C-120V

240W Industrial UVC Fluorescent Fixture - (6) 4' UV T8 Lamps - High Bay UV Sanitation - Motion Sensor - 10' 16/3 SOOW Cord w/ 120V Cord Cap

Product ID: 268726

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-HB-48-6L-UVC-T8-V1-MS-10C-120V High Bay UVC Sanitation Fixture

Listing: -
Lamp Technology: UV Fluorescent
Dimensions: 48.06"L x 16.39"W x 3.62"H
Weight: -
Lamp Quantity: 6
Voltage: 120 V AC
Frequency: 50/60 Hz
Total Watts: 240W
Single-lamp Watts: 40W
Total UV Output (Watts): 85.8W
Single-lamp UV Output (Watts): 14.3W
Total Radiant Intensity: 702 uW/cm2
Single-lamp Irradiance: 117 uW/cm2
Lamp Life: 8,000 Hours
Depreciation at Useful Lifetime: 10%
UV Band: UVC 254nm (200nm - 280nm)
Peak Wavelength: 280nm
Lamp Type: UV T8 Fluorescent
Lamp Base: G13 (Medium Bi-Pin Fluorescent)

Ratings/Features

NRTL Listed to UL 508A
NRTL Listed to CSA C22.2 No. 14
(6) 4' T8 UV Fluorescent Lamps
Germicide Applications
Risk Group 3 UV Product
360° Motion Sensor
Made in USA - Manufactured in Texas
EPA Reg. No 98409-1
EPA Est. No. 98409-TX-1

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

Beam Angle: 360°

Lighting Configuration: Flood Pattern

Motion Sensor: Yes - 360° Auto Shut-Off Motion Sensor

Ballast Quantity: 2

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

Amps: -

Operating Temp Range: -30°C to 85°C

Housing Material: 22 Gauge Painted Steel

Hardware/Hub Material: -

Mounting: (2) Mounting Holes (Mounting Kits Sold Separately)

Wiring: 10' 16/3 SOOW Cord w/ 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 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 IND-HB-48-6L-UVC-T8-V1-MS-10C-120V from Larson Electronics is a High Bay UV Sanitation Light that provides UVC illumination in industrial facilities in order to sanitize large areas. This 216-watt unit features six, 4-foot T8 UV fluorescent lamps, housed in a 22 gauge painted steel housing. The luminary caters to flat surface mounting mounting and operates on 120 V AC, 50/60 Hz. This unit is equipped with a motion sensor that automatically shuts the unit down when motion is detected and 10 feet of 16/3 SOOW cord terminated in a choice of 120 V cord caps.

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-HB-48-6L-UVC-T8-V1-MS-10C-120V is a fluorescent-based UV lighting system for industrial facilities requiring effective sanitation or disinfection. Consisting of six, 4-foot T8 fluorescent UV lamps, the 240-watt unit offers 254nm UVC output with a wavelength range of 200nm to 280nm. Each lamp produces 14.3W of UVC output and has a radiant intensity of 117 uW/cm2. This UV fixture operates on 120 V AC, 50/60 Hz (ballast voltage) and features a G13 medium bi-pin cap base. The lamp has an 8,000-hour useful lifespan.

Operation: The IND-HB-48-6L-UVC-T8-V1-MS-10C-120V should only be used in non-occupied areas. The UVC radiation produced by this fixture is not safe for skin or eyes. These fixtures should also be set up on a separate circuit from other lighting. It is also advised to use a control circuit that incorporates a motion sensor with groupings of fixtures. This adds a level of safety because the lights will turn off if someone enters the area while the lights are on.

The UV light`s housing is constructed of 22 gauge painted steel.

This UV fixture is a Risk Group 3 UV product. 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: This fixture is equipped with a 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, it will power off the light. When no motion has been detected for at least 5 minutes, the unit will power back on.

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 unit 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 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.
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: Germicidal, water purification, disinfection, food processing, air disinfection, pharmaceuticals, biotechnology, 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 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.

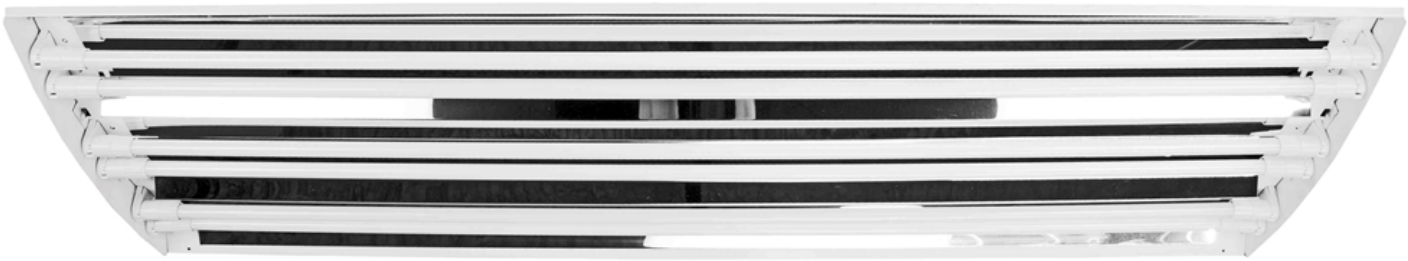
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Frequently Asked Questions (FAQ)

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480V



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Product ID: 268726

Export Control Classification Number (ECCN): EAR99

Options:

IND-HB-48-6L-UVC-T8-V1-MS-10C-120V-Cord Cap

Example: IND-HB-48-6L-UVC-T8-V1-MS-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):

- Canadian CEC Certificate (Commonly referred to as CSA Certificate)
- Certificate 1, Misc
- Certificate 4, Misc
- Eye Safety Information/Certificate
- Lighting Facts & Information
- MSDS (Material Safety Data Sheet
- Operations Manual
- Spectrum Curve (Wavelength Graph)
- USA NEC Certificate (Commonly referred to as UL Certificate)
- Wiring Diagram (Oneline)
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- HigResPic9
- Video4
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map