Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

IND-HB-48-8L-UVC-T8-V1-220V-10C

288W Industrial UVC Fluorescent Fixture - (8) 4' UV T8 Lamps - 220V, 50Hz - High Bay UV Sanitation - 10' 16/3 SOOW Cord w/ 220 V Cord Cap

Product ID: 271513

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-48-8L-UVC-T8-V1-220V-10C High Bay UVC Sanitation Fixture

Listing: -
Lamp Technology: UV Fluorescent
Dimensions: 48.06"L x 16.39"W x 3.62"H
Space Between Lamps: -
Weight: -
Lamp Quantity: 8
Voltage: 220 V AC
Frequency: 50 Hz
Total Watts: 288W
Single-lamp Watts: 36W
Total UV Output (Watts): 118.4W
Single-lamp UV Output (Watts): 14.8W
Total Radiant Intensity: 1160 uW/cm2
Single-lamp Irradiance: 145 uW/cm2
Lamp Life: 8,000 Hours
Depreciation at Useful Lifetime: 10%
UV Band: UVC 254nm (200nm - 280nm)

Ratings/Approvals

(8) 4' T8 UV Fluorescent Lamps
Germicide Applications
Risk Group 3 UV Product
EPA Reg. No 98409-1
EPA Est. No. 98409-TX-1

Peak Wavelength: 280nm

Lamp Type: UV T8 Fluorescent

Lamp Base: G13 (Medium Bi-Pin Fluorescent)

Replacement Lamp: -

Beam Angle: -

Lighting Configuration: Flood Pattern
Ballast Quantity: 2
Ballast Voltage: 220 V AC, 50 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/ 220V Cord Cap
Cord Cap: NEMA 6-15, NEMA 6-20, NEMA L6-15, NEMA L6-20, BS1363 (Type G), Schuko (Type F, CEE 7/4), BS546 (Type M), 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

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187
Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

This unit is Made In USA - Manufactured in Texas

The IND-HB-48-8L-UVC-T8-V1-220V-10C from Larson Electronics is a High Bay UV Sanitation Light that provides UVC illumination in industrial facilities in order to sanitize large areas. This 288-watt unit features eight, 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 220 V AC, 50 Hz. The IND-HB-48-8L-UVC-T8-V1-220V-10C is equipped with 10` of 16/3 SOOW cable terminated in a 220 V cord cap
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-HB-48-8L-UVC-T8-V1-220V-10C is a fluorescent-based UV lighting system for industrial facilities requiring effective sanitation or disinfection. Consisting of eight, 4-foot T8 fluorescent UV lamps, the 288-watt unit offers 254nm UVC output with a wavelength range of 200nm to 280nm. Each lamp produces 14.8W of UVC output and has a radiant intensity of 145 uW/cm2. This UV fixture operates on 220 V AC, 50 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-48-8L-UVC-T8-V1-220V-10C 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.

Click Photos to Enlarge



L6-15 Twist Lock Plug
15 Amp / 250V Rated



UK BS1363 Straight Blade Plug
13 Amp / 250V Rated / Internal Fuse



Intl Schuko 2-Pin Plug
16 Amp / 250V Rated / Grounded



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 outlets. Plug options include standard NEMA 6-15 15 amp straight blade plug, standard NEMA 6-20 20 amp straight blade plug, NEMA L6-15 15 amp twist lock plug, NEMA L6-20 20 amp twist lock plug, British BS1363 (Type G plug) 13 amp fused 3-blade plug for United Kingdom outlets, a two pin 16 amp rated Schuko plug (Type F, CEE 7/4 plug) with ground contact and socket for European outlets up to 250V, or a BS546 (Type M, CEE 3-pin 15 amp rated plug for Indian and South African 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.
Mounting: The back of the IND-HB-48-8L-UVC-T8-V1-220V-10C features a pair of mounting holes that can accomodate several different types of mounts. Mounting kits are sold separately.
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.
Suggested Applications: Sanitation, disinfection, retail spaces, lobbies, commercial locations, industrial parks, schools, public transportation hubs, airports, office buildings, medical centers, 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.

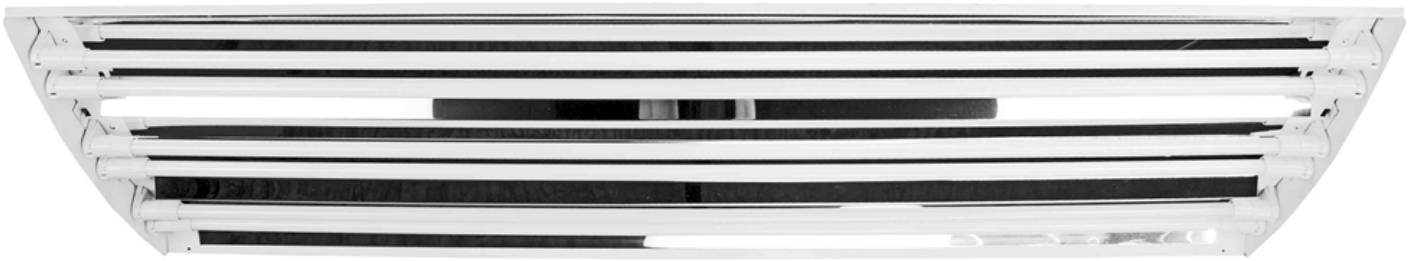
Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

Frequently Asked Questions (FAQ)

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364



Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364




480V



Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

IND-HB-48-8L-UVC-T8-V1-220V-10C

Product ID: 271513

Export Control Classification Number (ECCN): EAR99

Options:

IND-HB-48-8L-UVC-T8-V1-220V-10C-Cord Cap

Example: IND-HB-48-8L-UVC-T8-V1-220V-10C-6.15

Cord Cap	
6-15	-6.15
6-20	-6.20
L6-15	-L6.15
L6-20	-L6.20
BS1363	-BS1363
SCHUKO	-Schuko
BS546	-BS546
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