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IND-SS-36-5L-UVC-6C-GPP

150W Industrial UVC Fluorescent Fixture - 304 SS - (5) 3' UV Lamps - Surface Mount - 6' Cord

Product ID: 268224

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-SS-36-5L-UVC-6C-GPP Industrial UVC Fixture

Listing: -
Lamp Technology: UV Fluorescent
Dimensions: 39"-L x 17.75"W x 3.75"D
Space Between Lamps: -
Weight: -
Lamp Quantity: (5) 3' UV Lamps
Voltage: 120-277V AC
Frequency: 50/60 Hz
Total Watts: 150W
Single-lamp Watts: 30W
Total UV Output (Watts): 65.5W
Single-lamp UV Output (Watts): 13.1W
Total Radiant Intensity: 535 uW/cm2
Single-lamp Irradiance: 107 uW/cm2
Luminous Efficacy: -
Lamp Life: 8,000 Hours
Depreciation at Useful Lifetime: 10%
UV Band: UVC 254nm (200nm - 280nm)
Peak Wavelength: 280nm

Ratings/Approvals

NRTL Certified UL 595 Outdoor Marine Type (Saltwater)
NRTL Certified UL 1598A Marine Type
(5) T8 UV Fluorescent Lamps
Germicide Applications
Risk Group 3 UV Product
EPA Reg. No 98409-1
EPA Est. No. 98409-TX-1

Color Temperature: -

Color Rendering Index: -

Lamp Type: UV T8 Fluorescent

Lamp Base: G13 (Medium Bi-Pin Fluorescent)

Replacement Lamp: -

Beam Angle: -

Lighting Configuration: Flood Pattern

Power Efficiency: -

Power Factor: -

Ballast Quantity: 2

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

Amps: 1.25A @ 120V, 0.625A @ 240V, 0.541A @ 277V

Operating Temp Range: -30°C to 85°C

Housing Material: 304 Stainless Steel

Hardware/Hub Material: -

Mounting: Flange Mount

Cord: 6' 16/3 SOOW Cord w/ Cord Cap

Cord Cap Options: 5-15 Straight, 6-15 Straight, L5-15 Twist, L6-15 Twist, UK BS1363, Intl. Schuko, 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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This unit is Made In USA - Manufactured in Texas

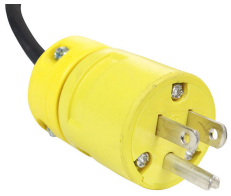
The Larson Electronics IND-SS-36-5L-UVC-6C-GPP UV Fluorescent Fixture provides UVC illumination in industrial facilities. This 150-watt unit features five, 3-foot T8 UV fluorescent lamps, housed in a 304 stainless steel housing. The luminary caters to flat surface mounting installations and operates on 120-277V AC, 50/60 Hz.

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-SS-36-5L-UVC-6C-GPP is a fluorescent-based UV lighting system for industrial facilities requiring effective sanitation or disinfection. Consisting of five, 3-foot T8 fluorescent UV lamps, the 150-watt unit offers 254nm UVC output with a wavelength range of 200nm to 280nm. Radiant intensity is 105 uW/cm2 per lamp. This UV fixture operates on 120-277V AC, 50/60 Hz (ballast voltage) and features a G13 medium bi-pin cap base. The lamp has an 8,000-hour useful lifespan. The UV light`s housing is constructed of 304 stainless 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





5-15 Straight Blade Plug
15 Amp / 125V Rated



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

L5-15 Twist Lock Plug
15 Amp / 125V Rated



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

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



Flying Leads / Pigtail Wires

Wiring/Plug: This UV light is equipped with 6 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, standard 6-15 15 amp straight blade plug for 220-240V wall outlets with ground, NEMA L5-15 15 amp twist lock plug for 125V twist lock outlets, NEMA L6-15 15 amp twist lock plug for 240V twist lock outlets, British BS1363 13 amp fused 3-blade plug for United Kingdom outlets, or a two pin 16 amp rated Schuko plug with ground contact and socket for European outlets up to 250V. 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 Height	Irradiance/Second	Exposure Time Required*	Beam Length	Beam Width
6 in	4829.76 uW/cm2	6.21 seconds	4 ft	3 ft
12 in	2426.11 uW/cm2	13.6 seconds	4 ft	3 ft
18 in	1347.84 uW/cm2	24.48 seconds	4 ft	3 ft
2 ft	872.35 uW/cm2	43.33 seconds	4.77 ft	3.36 ft
5 ft	147.36 uW/cm2	4.07 minutes	11.92 ft	8.39 ft
10 ft	36.84 uW/cm2	17.64 minutes	23.84 ft	16.78 ft
12 ft	25.58 uW/cm2	27.36 minutes	28.6 ft	20.14 ft
15 ft	16.37 uW/cm2	42.75 minutes	35.75 ft	25.17 ft
18 ft	11.37 uW/cm2	61.56 minutes	42.9 ft	30.21 ft
20 ft	9.21 uW/cm2	76 minutes	47.67 ft	33.56 ft
22.5 ft	7.28 uW/cm2	96.19 minutes	53.63 ft	37.76 ft
25 ft	5.89 uW/cm2	118.75 minutes	60 ft	41.95 ft
28 ft	4.70 uW/cm2	148.96 minutes	66.74 ft	47 ft
30 ft	4.09 uW/cm2	171.01 minutes	71.51 ft	50.35 ft
32.5 ft	3.49 uW/cm2	200.69 minutes	77.46 ft	54.54 ft
35 ft	3.01 uW/cm2	232.76 minutes	83.42 ft	58.74 ft
40 ft	2.30 uW/cm2	304.01 minutes	95.34 ft	67.13 ft

*Exposure time is based off of total irradiance. The above calculations are based on 12mJ total exposure. This level of exposure deactivates most organisms.

Mounting/Wiring: The IND-SS-36-5L-UVC-6C-GPP features a surface mounting system. Surface mounting brackets on the housing facilitate a low profile wall or ceiling mount, making it suitable for installations in tight spaces.

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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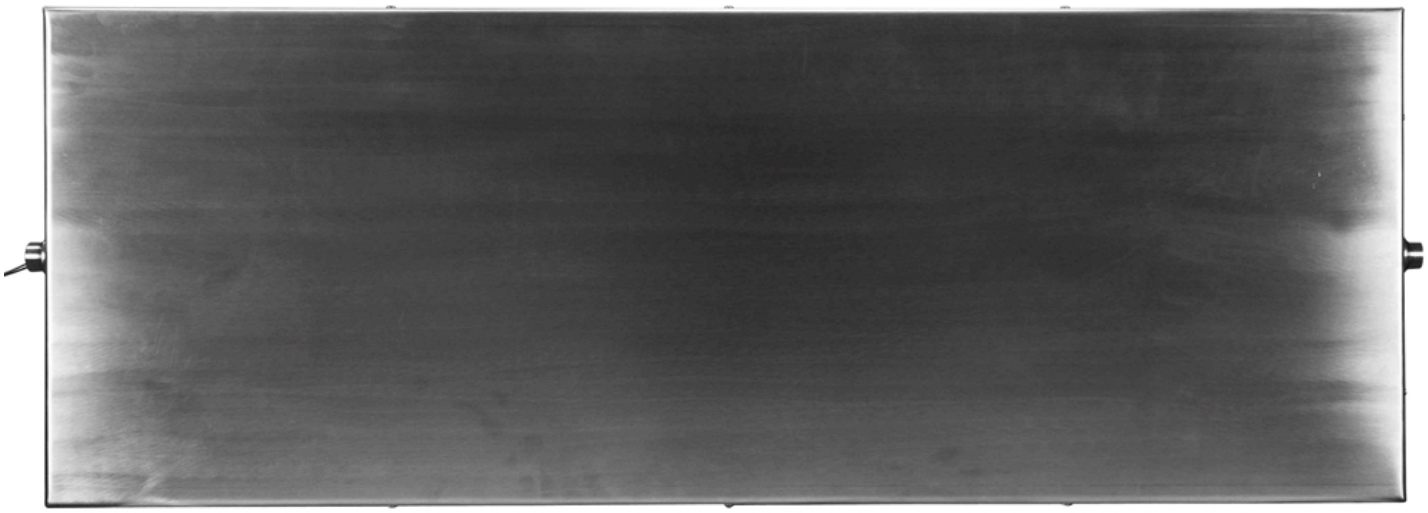
Frequently Asked Questions (FAQ)









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Product ID: 268224

Export Control Classification Number (ECCN): EAR99

Options:

IND-SS-36-5L-UVC-6C-GPP-Cord Cap

Example: IND-SS-36-5L-UVC-6C-GPP-5.15

Cord Cap	
5-15 STRAIGHT	-5.15
6-15 STRAIGHT	-6.15
L5-15 TWIST	-L5.15
L6-15 TWIST	-L6.15
UK BS1363	-BS1363
INTL SCHUKO	-Schuko
PIGTAIL	-Pigtail

Links (Click on the below items to view):

- Certificate 4, Misc
- Eye Safety Information/Certificate
- Lighting Facts & Information
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- Video4
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map