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## IND-SS-48-2L-SBM-BL-UV

# 4' Stainless Steel Industrial UV Fluorescent Fixture - Sliding Bracket Mount - Glass Lens

**Product ID: 257466**

**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-48-2L-SBM-BL-UV Industrial Light**

**Listing: NRTL Listed for United States and Canada**

**Lamp Technology:** UV Fluorescent

**Dimensions:** W-9 1/2" L-54" H-6 3/4"

**Weight:** 35 lbs

**Total Watts: 80W***

**Voltage:** Universal 120-277V AC 50/60 Hz

**Total Intensity:** 16.2 W

**Radiant Efficiency:** 202.5 mW/w

**Lamp Life Expectancy:** 5,000 Hours

**Light Color:** Ultraviolet - UVA, UVB, or UVC

**Wavelengths:** 400-315Nm (UVA), 315-280Nm (UVB), or 280-100Nm (UVC)

**Lamp Base:** -

**Replacement Lamp:** -

**Beam Angle: 150°**

**Lighting Configuration:** -

**Power Factor:** -

**Ambient Operating Temp Range:** -30°C to +70°C

**Operating Temp Rating:** T4C Rated

**Ratings/Approval**

No Glass Lens
Made in USA

EPA Reg. No 98409-1

EPA Est. No. 98409-TX-1

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**Minimum Operating Temp:** -30°C

**Maximum Case Temp:** +90°C

**Housing Material:** 304 Stainless Steel

**Lens:** NO Lens

**Mounting:** Surface Standard - Pendant Optional

**Wiring Hub:** 1/2" NPT

***Wattage totals are lamps only and may vary with different lamps.**

**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 Larson Electronics IND-SS-48-2L-SBM-BL-UV Industrial Fluorescent Ultraviolet Light Fixture is recommended for use in high vibration locations. The IND-SS-48-2L-SBM-BL-UV features sliding bracket mounts that allow for greater mounting adjustability. This unit operates on universal 120-277V AC.**

The IND-SS-48-2L-SBM-BL-UV ultraviolet fluorescent light fixture is constructed of non-corrosive materials including a stainless steel housing and a poured in gasket for reliable sealing. Corrosion resistant stainless steel latches secure the lamp cover to the housing. There is NO glass lens on the front of the IND-SS-48-2L-SBM-BL-UV. The fixture is drip proof if the fixture is facing downwards.



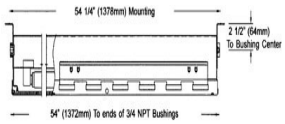
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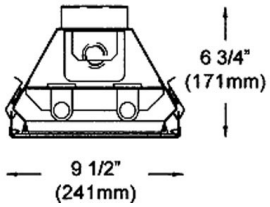
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Click Photo to Enlarge






This fixture is designed for heavy duty use in applications where intense vibration and corrosive environments may be encountered. Stainless steel construction makes this light ideal for industrial locations that require illumination with above average dependability.

**NOTE ON LAMPS:** This fixture comes equipped with ultraviolet lamps that produce radiation in the UV-A, UV-B, or UV-C wavelength ranges.

**Ultraviolet Wavelength Options:**

Ultraviolet A Wavelength produces a longer wave between the 400nm - 315nm spectrum.

Ultraviolet B Wavelength produces a shorter wave than the UVA wavelength. These medium sized waves range from 315nm - 280nm.

Ultraviolet C wavelength is reduced exceptionally. Some refer to this wave as the `germicidal` wave. The Ultraviolet C Wavelength ranges from 280nm - 100nm.

**Sliding Mount Brackets:** This light is equipped with an adjustable sliding bracket mount design that allows greater mounting adjustability. Each bracket can be loosened and slid along the housing to lengthen or shorten the distance between brackets. The angle can also be adjusted to allow better directional control of the light output. These brackets are heavy gauge for durability and include stainless steel mounting hardware for corrosion resistance.

**Suggested Applications:** The IND-SS-48-2L-SBM-BL-UV is designed for where corrosion resistant fluorescent lights are required. This lamp is also ideal for

locations where heavy vibratory conditions are present.
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)

**Q. Does this product kill COVID-19?**

A. COVID-19 is the disease created from the SARS-CoV-2 coronavirus. Please see below link for effectiveness against viruses, including the 2019 SARS-CoV-2 coronavirus:
https://www.larsonelectronics.com/images/product/LightingFacts/266985.PDF

**Q. Does this product kill he SARS-CoV-2 coronavirus?**

A. Please see below link for effectiveness against viruses, including the 2019 SARS-CoV-2 coronavirus:
https://www.larsonelectronics.com/images/product/LightingFacts/266985.PDF

**Q. Does this product generate ozone?**

A. No. UV lights can be made as ozone-producing or non-ozone producing. Ozone producing lamps leaves radiation in the atmosphere and require a 20-30 minute time after lamps are turned off before the radiation levels dissipate to a safe level before you can re-enter the room/area. The products that Larson Electronics manufactures DO NOT use ozone-producing lamps. This means that the radiation stops the second the light turns off. Once the light is turned off, it is safe to return to the area being disinfected by the light. Please read manual for UV safety requirements.

**Q. Is this product skin safe or eye safe?**

A. No. UV radiation is not safe for the eyes or skin. Please read manual for UV safety requirements.

**Q. Do I need to wear protective gear?**

A. Yes. UV radiation is NOT safe for your skin or eyes. Please read manual for UV safety requirements.

**Q. Is this unit safe to use in occupied areas?**

A. No. This unit produces UV radiation. UV radiation is NOT safe for your skin or eyes. Please read manual for UV safety requirements.

**Q. Does this product come with UV lamps**

A. Yes. This product will ship with UV lamps. The required UV lamps are included with your purchase.

**Q. What if obstacles are in the way of the UV light while it is disinfecting?**

A. You will need to move objects around and disinfect again for another 30 minutes. If the cart does not have direct line of sight, it will not disinfect. This is a non-ozone UV generating product so it does not penetrate through solid surfaces and will not reflect and clean the underside of objects or behind objects. If you do not have direct line of sight from the light, you will need to move it around or move the obstacles to create proper exposure.

**Q. What if I want to disinfect a larger area than the square footage that is listed in the specifications of this product?**

A. You can move the product and cover other areas. Each time the unit is moved, the exposure time starts again.

**Q. How long does the fixture need to operate to kill viruses?**

A. 30 minute exposure time is required for killing viruses



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**Product ID: 257466**

**Export Control Classification Number (ECCN):** EAR99

**Options:**

**IND-SS-48-2L-SBM-BL-UV-Wavelength**

**Example: IND-SS-48-2L-SBM-BL-UV-UVA**

| Wavelength | |
|---|---|
| UVA | -UVA |
| UVB | -UVB |
| UVC | -UVC |

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**
- **USA NEC Certificate (Commonly referred to as UL Certificate)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **HigResPic9**
- **HigResPic10**
- **Video4**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**