

IND-LLP-UVC-KT.GMS-R1-120V

UV Disinfection Package for Gyms and Health Clubs

Product ID: 268265

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.

IND-LLP-UVC-KT.GMS-R1-120V UV Disinfection Package for Gyms and Health Clubs

IND-DBL-36-1L-R1-120V High Output Door Barrier UVC Germicidal Fixture

Lamp Technology: UV-C Fluorescent

Dimensions: 7.00"H x 36.00"W x 4.00"D

Weight: -

Voltage: 120 V AC, 50/60 Hz

Total Watts: 30W

Total UV Output: 10.77W

Single-lamp UV Intensity: 107 $\mu\text{W}/\text{cm}^2$

Expected Lifespan: 8,000+ Hours

UV Wavelength: 254nm

Lamp Base: G13

Replacement Lamp: -

Beam Angle: 180°

Light Configuration: Flood

Amps: -

Ambient Operating Temp Range: -

Materials: Hospital Grade 304 Stainless Steel Enclosure

Adjustable Beam: Yes

Mounting: Wall Mount

UVC Germicidal Fixture - Ratings/Features

T10 Bulb Shape

Short-wave Germicidal Light

No Protective Equipment Required to Pass Under

Destroys Airborne Bacteria and Viruses

***PLEASE NOTE: Walking through the UV-C light produced by this fixture is completely safe because the short time it takes to walk through the light does not expose people to harmful levels of radiation. However, if stood directly under, it can cause temporary or permanent loss of vision, and temporary acute redness or ulceration (mild to severe sunburn) to exposed skin. 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.***

IND-BR-UVC-2L-R1-150C UV Disinfection Broom

Lamp Technology: UV-C Fluorescent
Lamp Quantity: (2) 24" UV Lamps
Dimensions: 30"-L x 9"-W x 5"-H
Weight: 9 lb
Voltage: 120V AC
Total Watts: 40W
Single-lamp Watts: 20W
Total UV Output: 18.2W
Single-lamp UV Output: 9.1W
Effective UV Radiation (at 1 Meter) Per Lamp: 75.0 uW/cm2 @ 1M
Total Effective UV Radiation (at 1 Meter): 150.0 uW/cm2 @ 1M
Expected Lifespan: 8,000+ Hours
UV Wavelength: UV-C, 200nm - 280nm (254 nm)
Lamp Type: T8
Lamp Base: G13
Replacement Lamp: FRL-24-1X-T8-20W-UV-C
Beam Angle: 180°
Light Configuration: Flood
Controls: Switch
Digital Pacer: Included
Amps: -
Ambient Operating Temp: -
Materials: Stainless Steel
Finish: -
Mounting: (4) Swivel Casters; Detachable Broom Handle
Wiring: 150' 16/3 SOOW Cord w/ Cord Cap
Cord Cap: 5-15 Straight, L5-15 Twist, 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.

IND-UC-48-6L-UVC-AT-50C UV Sanitation Light Cart w/ Timer & Motion Sensor

Lamp Technology: UV-C Fluorescent
Lamp Qty: (6)
Dimensions: 25.00"W x 20.00"D x 60.00"H
Weight: 44 lb
Voltage: 120-277 V AC
Total Watts: 240W
Single-lamp Watts: 40W
Total UV Output: 70.8W
Single-lamp UV Output: 11.8W
Effective UV Radiation (at 1 Meter) Per Lamp: 117.0 uW/cm2 @ 1M
Total Effective UV Radiation (at 1 Meter): 702.0 uW/cm2 @ 1M
Expected Lifespan: 8,000+ Hours
UV Wavelength: UV-C, 200nm - 280nm (254 nm)
Lamp Type: T10
Lamp Base: G13 (Medium Bi-pin)
Replacement Lamp: FRL-48-1X-T8-36W-UV-C
Beam Angle: 180°
Light Configuration: Flood
Amps: -
Ambient Operating Temp Range: -22°F to 122°F
Setting: Digital Timer
Delay: 1 Minute 30 Seconds
Motion Sensor: Yes - 360° Auto Shut-Off Motion Sensor
Materials: 22 Gauge Steel, Aluminum
Reflector Material: Chrome
Mounting: Powder Coated Portable Upright Aluminum Cart with Adjustable Brackets
Wiring: 50' 16/3 SOOW Cord w/ Cord Cap
Cord Cap: 5-15 Straight, L5-15 Twist, or Pigtail
Shipping Weight: 104 lb
Shipping Dimensions: 48" x 60" x 30"

UV Disinfection Broom - Ratings/Features

Short-wave Germicidal Light

UV Sanitation Light Cart w/ Timer & Motion Sensor - Ratings/Features

Short-wave Germicidal Light
Kills 99% of Viruses and Other Germs

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

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.

The IND-LLP-UVC-KT.GMS-R1-120V from Larson Electronics is a UV Disinfection Package for Gyms and Health Clubs that includes everything needed to disinfect areas inside gyms and health clubs including workout areas, hallways, locker rooms, and more. The IND-LLP-UVC-KT.GMS-R1-120V includes one door barrier germicidal fixture, one UV sanitation broom, and one industrial UV sanitation cart.

The IND-LLP-UVC-KT.GMS-R1-120V includes everything needed to disinfect and keep areas in schools, colleges, and universities safe. The group of three UV disinfection products included with this package can be deployed in a variety of different areas to ensure they are clean and safe for use.

****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-LLP-UVC-KT.GMS-R1-120V is designed for different areas around a gym or health club. These areas can include, but are not limited to, workout areas, hallways, entryways, bathrooms, and locker rooms. This UV disinfection package includes (1) [IND-DBL-36-1L-R1-120V](#), (1) [IND-BR-UVC-2L-R1-150C](#), and (1) [IND-UC-48-6L-UVC-AT-50C](#). These UVC disinfection products can be deployed in appropriate areas and used to kill 99% of viruses, mold, spores, and bacteria. As workout enthusiasts and gym goers begin to return to gyms and health clubs for workouts, classes, and other activities, they will be concerned with the cleanliness of the workout areas, locker rooms, bathrooms, and the air around them. Provide them with the peace of mind afforded by the state-of-the-art UV disinfection fixtures available from Larson Electronics. With the IND-LLP-UVC-KT.GMS-R1-120V UV disinfection package, airborne viruses, bacteria, and other airborne germs and allergens will be continuously killed and any surface-dwelling contagions can be quickly destroyed in between activities done at each location. Keep your clients, customers, and yourself, safer and offer an increased peace of mind with the IND-LLP-UVC-KT.GMS-R1-120V UV disinfection package.

Door Barrier Germicidal UV-C Fixture Information: The IND-LLP-UVC-KT.GMS-R1-120V includes (1) [IND-DBL-36-1L-R1-120V](#) door barrier germicidal fixture. This unit projects a concentrated beam of germicidal UV-C light into doorways from above. This beam provides a high-intensity dose of UV-C light to people passing through the doorway. This brief exposure offers an additional layer of germ killing safety to anyone who walks through the doorway above which the IND-DBL-36-1L-R1-120V is installed and helps to effectively control the airborne transmission of microorganisms between areas. This hospital grade stainless steel door barrier germicidal fixture features a 30 watt UV bulb that produces 10.77 watts of UV output at a wavelength of 254nm. The IND-DBL-36-1L-R1-120V is designed to be mounted above a 36" wide doorway, operates on 120 V AC current, and is hard wired. Multiple units can be mounted in tandem to cover wider doorways.

The IND-DBL-36-1L-R1-120V is a powerful sanitation solution for clinics, hospitals, operating rooms and labs. Equipped with a 30 watt UVC fluorescent lamp, this system offers 10.77 total watts of UV output at a wavelength of 254nm. The lights have an expected lifespan of 8,000+ hours and emit a flood beam pattern. The IND-DBL-36-1L-R1-120V does NOT have a motion sensor. Instead, it remains on continuously. This door barrier germicidal fixture provides 170 microwatts per square centimeter at three feet below the fixture and 30 microwatts per square centimeter at floor level when mounted above a seven foot tall door.

Operation: This high output UV door barrier germicidal fixture projects ultraviolet rays into the doorway it is mounted above. Bacteria and viruses present in the air that passes through the UV rays produced by the fixture are destroyed. Louvers control the beam width and depth which allows it to be adjusted to create a balanced germicidal barrier from the fixture to the floor.

Construction: The enclosure of the IND-DBL-36-1L-R1-120V is built from hospital grade 304 stainless steel.

Mounting: The IND-DBL-36-1L-R1-120V is designed to be wall mounted.

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 and killing 99% of viruses, bacteria, mold, and spores in doorways and entryways of gyms and health clubs.

UV Sanitation Broom Information: The IND-LLP-UVC-KT.GMS-R1-120V includes (1) [IND-BR-UVC-2L-R1-150C](#) UV sanitation broom. This unit offers UV-C output at a range of 200nm - 280nm (254nm) and comes equipped with two 20-watt UV fluorescent lamps. The stainless steel UV system has 150' of 16/3 SOOW cord and a detachable handle.

The IND-BR-UVC-2L-R1-150C is a powerful sanitation solution for buildings, walkways, offices, clinics and general flooring areas. Equipped with two 20-watt UV fluorescent lamps, this system offers UV output within the 200nm - 280nm UV-C range (254 nm). The light has an expected lifespan of 8,000+ hours and emits a flood beam pattern. Compatible with 120V AC, this UV system caters to floors and surfaces with 180 degrees of coverage. A switch on the device can be used to turn the unit on and off.

This unit is made out of stainless steel and features safety grating to protect the T8 UV lamps from contact with surfaces. With a recommended 5-10 minute exposure time for viruses, multiple lights can be purchased to sanitize large areas quickly. Operators may also move the UV light around after exposure time to disinfect different sections of the space. The UV light can disinfect over 99% of bacteria, viruses, mold and spores.

[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 150 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 or NEMA L5-15 15 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.

Mounting: The IND-BR-UVC-2L-R1-150C is equipped with a detachable broom handle for up close sanitation of surfaces, mats and other types of floors.

Operators may remove the handle during transportation or storage. There are four swivel casters at the bottom of the fixture (light facing down) to assist in mobility around the area. When setup as a standalone device without the handle, this UV disinfection light can sanitize walls.

Suggested Applications: Sanitation, disinfection, mats, floors, offices, gyms, clinics, public buildings, stairs, hallways, schools, athletic facilities, work sites, public transportation hubs, and more.

Industrial UV Sanitation Cart: The IND-LLP-UVC-KT.GMS-R1-120V includes (1) [IND-UC-48-6L-UVC-AT-50C](#) industrial UV sanitation cart. This unit offers UV-C output at a range of 200nm - 280nm (254nm) and comes equipped with six UVC fluorescent lamps. The lights are mounted to a powder coated aluminum cart for seamless mobility. The IND-UC-48-6L-UVC-AT-50C is also equipped with an automatic timer and a motion sensor that automatically shuts the unit down when motion is detected.

The IND-UC-48-6L-UVC-AT-50C is a powerful sanitation solution for industrial sites and commercial facilities. Equipped with six UVC fluorescent lamps, this system offers 70.8 watts of UV output, within the 200nm - 280nm UV-C range (254 nm). The lights have an expected lifespan of 8,000+ hours and emit a flood beam pattern. This UV system caters to 1200 square feet of space with 180 degrees of coverage. Operators may move the cart around after exposure time to disinfect several sections. With a recommended 20-25 minute exposure time for viruses, multiple carts can be purchased to cover larger areas quicker. The UV light can disinfect over 99% of bacteria, viruses, mold, and spores.

Distance from Cart	Irradiance/Second	Exposure Time Required*	Beam Width	Beam Height
6 inch	4829.76 uW/cm2	8.7 seconds	2 ft	4 ft
12 inch	2426.11 uW/cm2	17.31 seconds	2.25 ft	4 ft
18 inch	1347.84 uW/cm2	31.16 seconds	2.5 ft	4 ft
2 foot	872.35 uW/cm2	48.15 seconds	3 ft	4 ft
3 foot	456.77 uW/cm2	1.5 minutes	4.5 ft	4 ft
4 foot	230.26 uW/cm2	3 minutes	6 ft	4 ft
5 foot	147.36 uW/cm2	4.75 minutes	7.5 ft	4 ft
6 foot	102.34 uW/cm2	7 minutes	9 ft	4 ft
7 foot	75.19 uW/cm2	9.5 minutes	10.5 ft	4 ft
8 foot	57.56 uW/cm2	12.5 minutes	12.25 ft	4 ft
9 foot	45.48 uW/cm2	16 minutes	13.5 ft	4 ft
10 foot	36.84 uW/cm2	19 minutes	15.25 ft	4 ft
12 foot	25.58 uW/cm2	28 minutes	18.5 ft	4 ft
15 foot	16.37 uW/cm2	43 minutes	23 ft	4 ft
18 foot	11.37 uW/cm2	62 minutes	27.5 ft	4 ft
20 foot	9.21 uW/cm2	76 minutes	30 ft	4 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.

The fixture's housing is constructed of 22 gauge steel and painted for corrosion resistance. A chrome reflector helps improve illumination and light spread in the area.

Cart: The cart allows the entire fixture to be easily wheeled into position as needed, and can be laid flat for sliding the cart under vehicles or into hard to reach areas. This cart is highly versatile and gives the operator the ability to easily move the entire assembly around the work space simply by leaning the cart back and rolling it into position. Also included is a fold down handle and unidirectional caster wheels that allows operators to lay the unit flat and wheel it into hard to reach areas such as underneath vehicles in paint spray booths.

[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 50 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 or NEMA L5-15 15 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.

Automatic Timer: At start up, there is a built-in 1-minute and 30-second delay to allow individuals to safely leave the room after deploying the device. An accessible digital timer enables operators to set exposure times. The lights will automatically turn off when the set time is complete. Operators may adjust settings via a controller at the bottom of the unit.

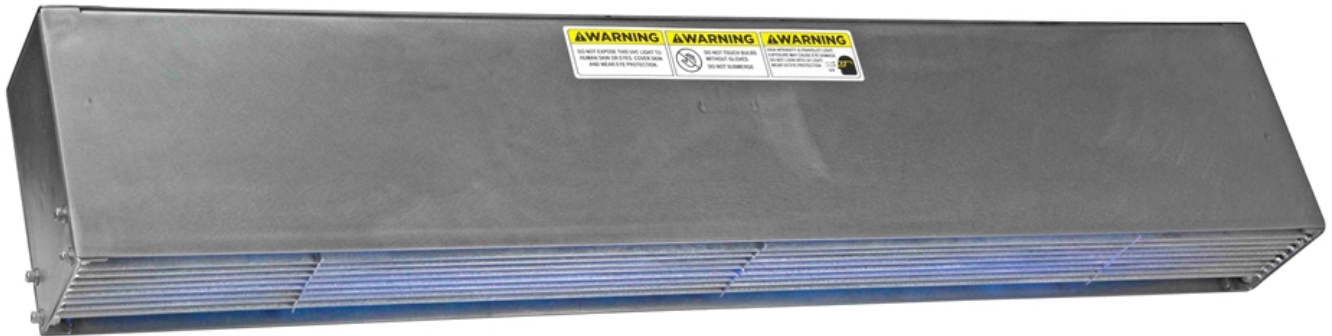
Motion Sensor: The IND-UC-48-6L-UVC-AT-50C is equipped with a motion sensor for an additional layer of safety while the unit is in use. Due to the potential harm UVC light can cause to a person's skin and vision, it is unsafe to be near the light while it is powered on. To avoid accidental exposure to 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.

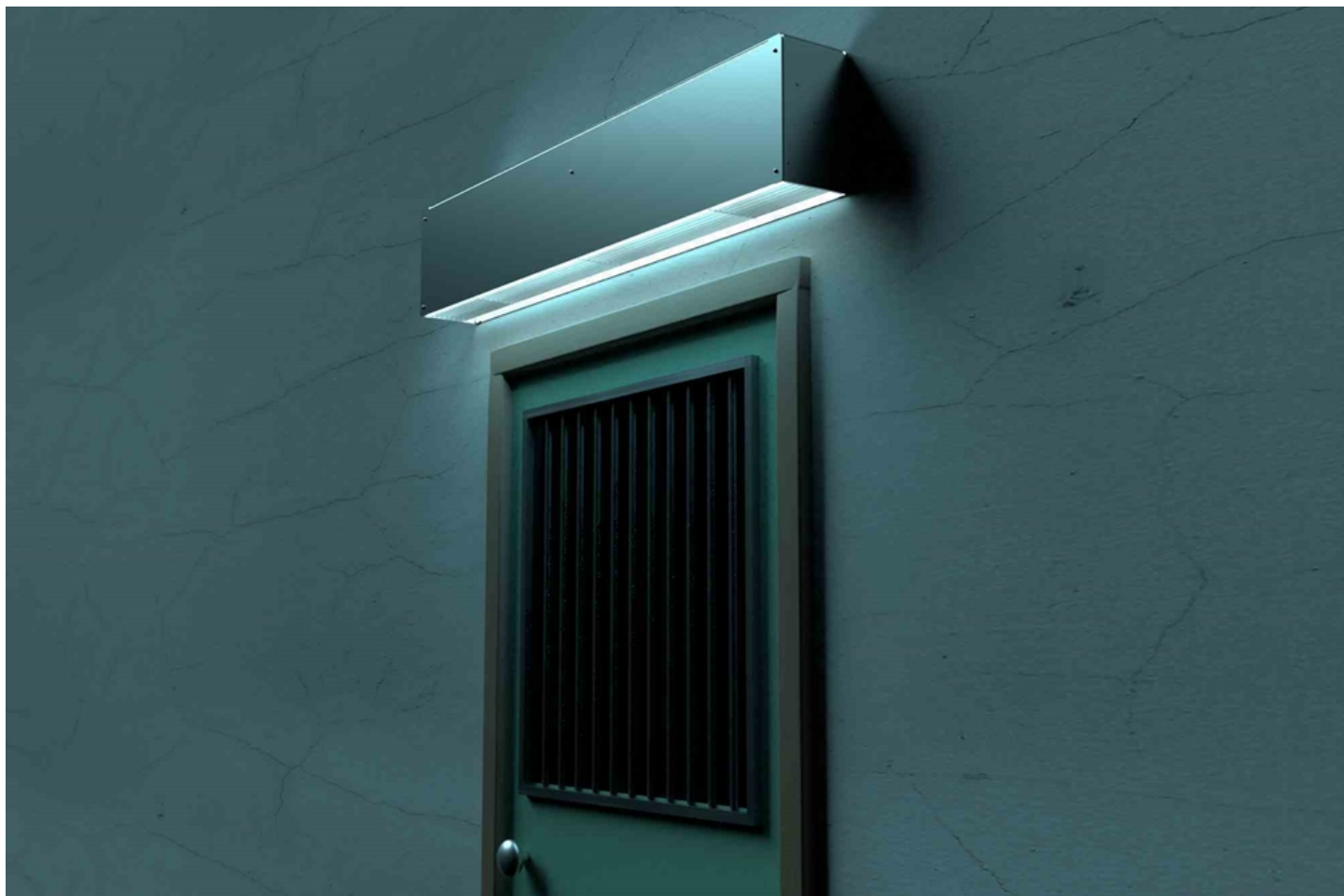
Note on Environment: Sunlight and visible light fixtures do not impact the effectiveness of the disinfecting on this UVC sanitation product. Metal halide, high pressure sodium, fluorescent, and LED light fixtures can be left on. The UV radiation emitted from this product is not disrupted by any type 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 and killing 99% of viruses, bacteria, mold, and spores in locker rooms, 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.

Frequently Asked Questions (FAQ)









IND-LLP-UVC-KT.GMS-R1-120V

Product ID: 268265

Export Control Classification Number (ECCN): EAR99

Options:

IND-LLP-UVC-KT.GMS-R1-120V-Cord Cap

Example: IND-LLP-UVC-KT.GMS-R1-120V-5.15

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

Links (Click on the below items to view):

- [Eye Safety Information/Certificate](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
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