

# **Plusrite<sup>®</sup>**

UV STERILIZATION PRODUCTS



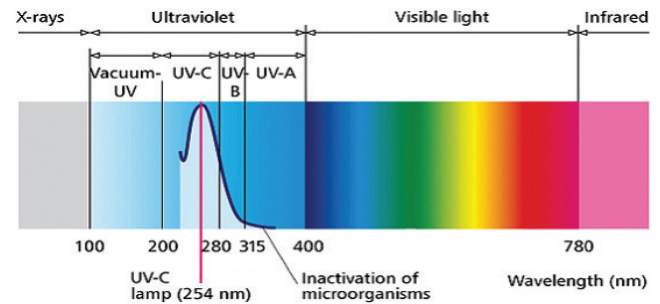
UV-C Sterilizing Mobile Unit



## THE SPECTRUM OF UV

The wavelength of the UV spectrum that is proven to be most effective in pathogen reduction, according to the International Ultraviolet Association (IUVA) is between 200nm and 300nm.

Considered germicidal, UV-C light in this range penetrates the cells of microorganisms and disrupts their DNA. This eliminates the pathogens ability to replicate, effectively neutralizing it.



## UV-C STERILIZING MOBILE UNIT

This **mobile sterilizing unit** is designed to reduce viruses, bacteria and other harmful pathogens which can exist in the air and on hard surfaces.

Eliminating harmful microbes without using harmful chemicals, the UV-C mobile unit provides ultraviolet light wavelengths.

FOR USE IN



UNOCCUPIED  
SPACES



### TECHNICAL DETAILS

Fixture Wattage	72W	Arm Adjustable Angle	0°~180°
Tubes Wattage	30W x 2	Remote Control	On/Off
Tube Length	36" (915mm)	Time on remote	15/30 mins
Input Voltage	110~120V	Timer	10-120 mins
Peak Wavelength	254nm	Weight	15.4 lbs
Beam Angle	360°	Color	White
Life	9000 hrs	Environmental Directives	RoHS
UV Radiation Intensity (1m)	190µw/m²	Dimensions (L*W*H)	12"x 10.4"x 42.5"
Ambient Temperature	0°F~104°F	Room area at 30 min	300-450 ft²
Storage Temperature	-40°F~176°F	Room area at 60 min	650-850 ft²

Using two high-powered **UV-C lamps** that emit concentrated rays, these machines treat various surfaces and are suitable for use in a range of locations; like schools, offices, dental clinics, restaurants and more.

### SCHOOLS



### OFFICES



### RETAIL LOCATIONS



### DENTAL CLINICS





## BENEFITS OF UV-C STERILIZING MOBILE UNIT

- Provides UV-C air and surface disinfection to a room in as little as 30 minutes.
- Portability allows unit to be operated in different areas.
- Designed to be used in virtually any room, particularly where permanent fixtures are not practical.

## FEATURES:

- 0 - 180° adjustable arm provides the user the ability to position the UV-C light source for maximum effectiveness in neutralizing bacteria, viruses and mold.
- Made of a high-strength alloy structure to keep the UV-C lamp clean and protected.
- Dose indicator cards measure the effectiveness of UV-C energy on different surfaces.

## SAFETY FEATURES:

- Sensor that shuts the unit off if motion is detected.
- Tone prompt that alerts the user 10-seconds before activation.
- Remote Control.



## UV-C STRIP LIGHTS

- Available in 2ft and 4ft.
- Provides UV-C air and surface disinfection to any room in as little as 30 minutes.
- Utilizes a 254nm ultraviolet lamp to deactivate a wide range of microorganisms.
- Safety features include a sensor that shuts the unit off if motion is detected in room.

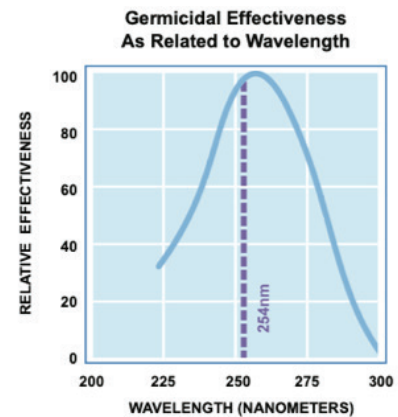


IDEAL FOR NUMEROUS APPLICATIONS

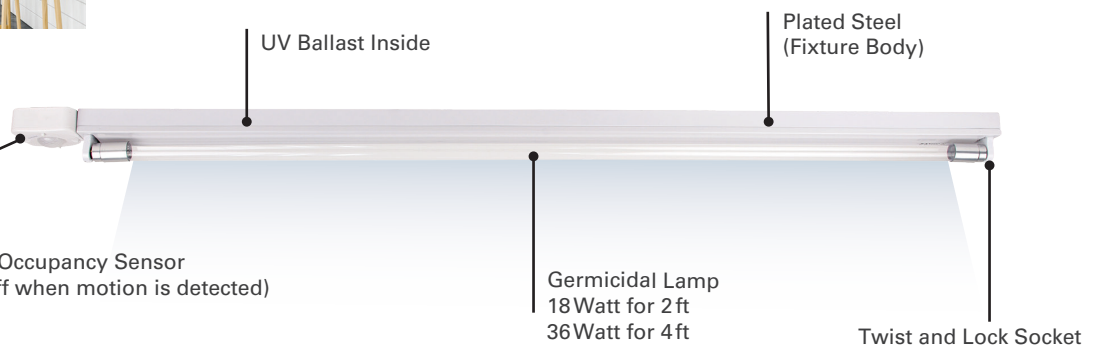


Coverage Area Capability for a 4ft UV-C Strip Light

Time (Minutes)	Room Area (sq. ft.)
10	54-108
20	108-161
30	161-215
45	215-323
60	323-431



Reverse Occupancy Sensor  
(Turns off when motion is detected)



### TECHNICAL DETAILS

Power Wattage	18W/36W	Operating Temperature	32°F~104°F
Input Voltage	120V-277V	Storage Temperature	-40°F~176°F
Tube Length	24"(610mm)/48"(1220mm)	Weight	1.54 lbs./2.87 lbs.
Peak Wavelength	254nm	Dimensions (LxWxH) 2ft.	27.8"x3.22"x2.63"
Beam Angle	120°	Dimensions (LxWxH) 4ft.	51.8"x3.22"x2.63"
Life	9000 hrs	Color	White
UV Radiation Intensity (1m)	2ft 70µw/cm2 4ft 150µw/cm2	Sensor	Infrared
		IP Level	IP20

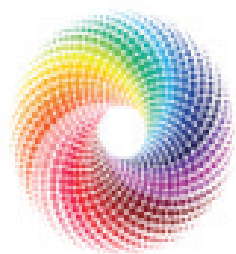
FOR USE IN





How can you clean both air and surfaces without interrupting your daily activity?

*Introducing*



**FAR UV**  
**TECHNOLOGIES**



## Krypton Far UV (222nm)

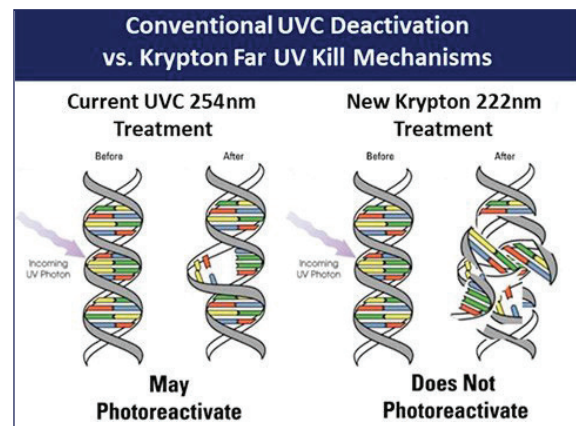
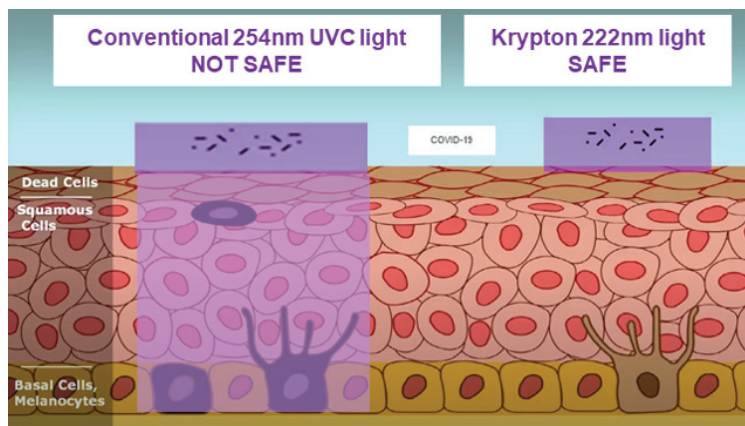
The Krypton 222nm is a ceiling mounted luminaire that helps reduce the levels of pathogens in the air and on surfaces. Designed to meet UV exposure threshold limit values for humans, the Krypton 222nm allows for use in occupied spaces.

REDUCE  
THE SPREAD OF PATHOGENS IN  
OCCUPIED AREAS



The Krypton 222nm lighting is **much safer for humans and animals**. Unlike traditional 254nm UV lamps, the 222nm doesn't penetrate the nucleus of human cells or eyes and yet it can still destroy bacteria like MRSA.

Krypton Far UV (222nm) lamps are superior to existing UV-C disinfection systems (typically operating at 254nm or 270nm) in occupied spaces for a very simple reason: Legacy UV-C light sources are ineffective at disinfecting surfaces and air in occupied spaces because the kill mechanism allows pathogens to be reactivated by UV-A light, which is emitted by sunlight, fluorescent lights, and other light sources after a disinfection cycle.







## Krypton-11

Designed for 8-11 ft ceilings  
Air and surface disinfection  
coverage of up to 400 sq ft  
per fixture



## Krypton-36

Designed for 11-36 ft ceilings  
Air and surface disinfection  
coverage of up to 1,100 sq ft  
per fixture



### FEATURES

- Made for occupied areas.
- Designed to meet and not exceed IEC 62471 and ACGIH 222nm UV exposure threshold limit values for humans.
- Cycles on/off every 10 minutes per 8-hour day.
- Hospital-grade air and surface treatment up to 3 log+ (99.9%) cumulative disinfection per day.
- Environmentally friendly / mercury-free.
- No degradation in output of lamp.
- Designed and Assembled in the USA.

### DIMENSIONS

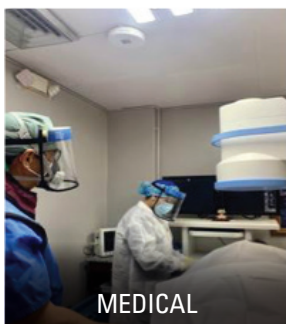
#### • Krypton-11

Diameter: 7.2" (183mm)  
Depth: 1.76" (44.7mm)

#### • Krypton-36

Length: 11.0" (279mm)  
Width: 7.0" (177mm)  
Height: 2.152" (54.6mm)

### IDEAL FOR NUMEROUS APPLICATIONS



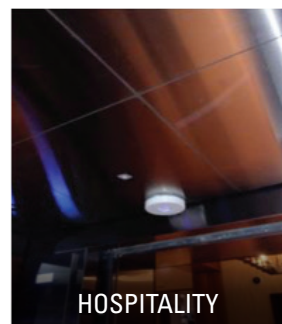
MEDICAL



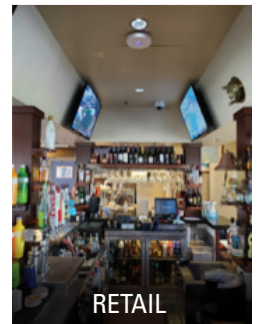
DENTAL



TRANSPORTATION



HOSPITALITY



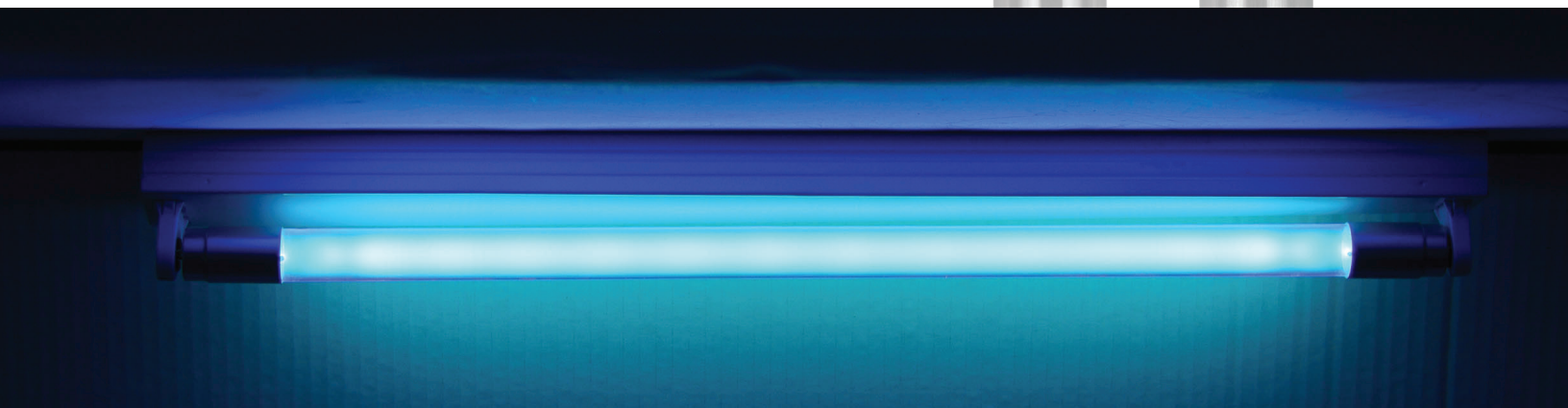
RETAIL

## UV-C LINEAR LAMP REPLACEMENTS

Compared to using disinfecting sprays that may have low operating cost, UV-C linear lamps enhance your existing sanitizing protocols without increasing labor and the cost of consumables. The UV-C linear lamps emit ultraviolet-C light to kill bacteria, viruses, and fungi in offices or work areas. We offer linear lamp replacements for our UV-C strip lights as well as our mobile unit.



**SHATTERPROOF**



**30W 36"**  
Mobile Unit Replacement



**36W 48"**  
4ft Strip Light Replacement

**18W 24"**  
2ft Strip Light Replacement





# UV-C GERMICIDAL LAMPS

Effective at reducing  
bacteria, viruses, and  
fungi from air, water  
and surfaces

Plusrite Germicidal UV-C Lamps are low pressure mercury arc lamps that emit radiation that peaks at a wavelength of 254nm and are lethal to microorganisms. These UV-C lamps are manufactured under stringent controls that ensure a high-purity lamp with peak performance and stable output over its lifetime. They're effective at reducing bacteria, viruses and fungi from air, water and surfaces. They can be installed in numerous applications HVAC filtration systems, sterilization carts, disinfection cabinets and more.



Many different types and sizes are available. Please consult the product specification for each individual lamp as output, efficacy and dimensions vary per lamp.



## SCREW BASE LOW PRESSURE MERCURY LAMPS

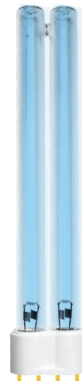
The screw-in base UV-C lamps come in multiple wattages and are ideal for disinfection cabinets, HVAC systems and other air purification technology. These types of solutions are used everywhere from residential homes, restaurants, offices and hotels.



E17 Base

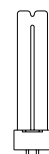


Medium Screw  
(E26)



## LOW PRESSURE PL-TYPE MERCURY LAMPS

These UV-C lamps come in 4 different compact, pin-based, PL styles and fit many popular OEM disinfection and purification devices.



4-Pin



G23




GX23




2G11


## UV-C Mobile Unit and Strip Light

	Category	Item #	Order Code	Wattage	Voltage	Length (L*W*H)	Description
	Mobile Unit	9520	UVC-MU72	72W	110-120V	12"x 10.4"x 42.5"	UV-C Sterilizing mobile unit
	Strip Lights	9509	UVC-SL18/MV-SEN	18W	120-277V	27.8"x 3.22"x 2.63"	2 ft UV-C Strip light with sensor
		9511	UVC-SL36/MV-SEN	36W	120-277V	51.8"x 3.22"x 2.63"	4 ft UV-C Strip light with sensor



## Krypton Far UV 222nm

	Category	Item #	Order Code	Wattage	Operating Voltage	Shape	Description
	Far UV 222nm	9557	GFX-CM15W12V-11	15W	12VDC	Round	Krypton Far UV 222nm Disinfection Ceiling Mount 15W 12VDC 8-11ft High
		9558	GFX-CM15W24V-36	15W	24VDC	Rectangle	Krypton Far UV 222nm Disinfection Ceiling Mount 15W 24VDC 11-36ft High

## Dose Indicator Card


	Category	Item #	Order Code	Description
	Dose Indicator Card	P10406	UVC-DOSIMETER 25/50/100	Photochromatic UV-C measurement card

## UV-C replacement lamps for mobile unit and strip lights


	Category	Item #	Order Code	Wattage	Length	Base Type	Description
	UV lamps	5039	G18T8/24	18W	24"	2pin	2' Strip Light Replacement Lamp
		5002	G30T8/36*	30W	36"	2pin	Mobile Unit Replacement Lamp
		5040	G36T8/48	36W	48"	2pin	4' Strip Light Replacement Lamp
	UV Shatterproof Lamps	5041	G18T8/TC/24	18W	24"	2pin	2' Strip Light Replacement Lamp with teflon coated
		5043	G30T8/TC/36*	30W	36"	2pin	Mobile Unit Replacement Lamp with teflon coated
		5042	G36T8/TC/48	36W	48"	2pin	4' Strip Light Replacement Lamp with teflon coated

\*Requires 2 lamps for mobile unit

## UV-C replacement PL lamps

	Category	Item #	Order Code	Wattage	Length	Base Type	Description
	Germicidal miniature and PL Lamps	5029	GPX5	5W	3.35"	PL G23/GX23 Base	UV-C PL lamps are compact UV-C germicidal lamps. Common applications are disinfection cabinets, air conditioner, air purifier and other appliances. Used in homes, schools, hotels, restaurants, office sterilization and surface disinfection
		5030	GPX7	7W	4.53"	PL G23/GX23 Base	
		5004	PL-S09W/TUV	9W	5.71"	PL G23/GX23 Base	
		5031	GPX11	11W	8.46"	PL G23/GX23 Base	
		5032	GPX13	13W	6.59"	PL G23/GX23 Base	
		5005	PL-L18W/TUV	18W	8.86"	PL 2G11 Base	
		5006	PL-L36W/TUV	36W	16.44"	PL 2G11 Base	

## UV-C replacement lamps

	Category	Item #	Order Code	Wattage	Length	Base Type	Description
	UV Lamps	5003	GTL3	3W	2.48"	E17	Common applications used in professional air and water disinfection units
		5044	GTL15/E26	15W	7.5	E26/27 Screw in Base	Common applications are disinfection cabinets, air conditioner, air purifier and other appliances. Used in homes, schools, hotels, restaurants, office sterilization and surface disinfection
		5045	GTL25/E26	25W	8.5	E26/27 Screw in Base	



# Plusrite®

UV STERILIZATION PRODUCTS

**Head Office & West Coast Distribution Center:**

Fanlight Corporation Inc.  
2000 S. Grove Ave, Bldg B, Ontario, CA 91761  
Tel: 909-930-6868

**East Coast Distribution Center:**

2511 Reliance Ave, Apex, NC, 27539

**Central Distribution Center:**

1940 Diplomat Drive, Farmers Branch, TX 75234

**Canada**

5514-275th Street, Langley, BC V4W 3X7



[www.plusriteusa.com](http://www.plusriteusa.com)

| [info@plusriteusa.com](mailto:info@plusriteusa.com)