



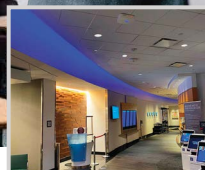
**FAR UV  
TECHNOLOGIES**



**SCHOOLS**



**HEALTHCARE**



**TRANSPORTATION**



**OFFICES**

# Krypton-11™

## Far UV 222nm Replaceable Lamp Ceiling & Wall Mount Disinfection\* Lighting

The Krypton-11 disinfection\* lights are ideal for rooms with ceilings heights that range from 8-9 feet. Far UV (222nm) Krypton-11 disinfection\* light can be used within almost any budget to increase the safety of occupants in any environment. Since it is unknown if the immune system of any occupant of space will be protective against viral infection, the goal is to reduce the ambient viral load in the space as much as possible. The Krypton-11 disinfection\* light is a practical and effective disinfection\* method in sanitizing air and surfaces while space is occupied when used as directed.



### Dimensions

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

Shipping box dimensions:  
12"x10.5"x5.5"

## Features & Benefits:

- Designed for 8-9 ft. ceilings
- Achieve up to 3 log+ (99.9%) disinfection\*
- Air and surface disinfection\* for up to 1,000 s.f. per fixture
- Providing up to an incremental 30 equivalent Air Changes per Hour
- Designed to meet and not exceed ACGIH UV exposure Threshold Limit Values (TLV) for human exposure
- Replaceable lamp
- Motion Detection (PIR) with 30 minute delayed shut off
- Select dosage (25, 50, 75 and 100% power operation)
- Daisy chain multiple units in a large room (1turns on they all turn on)
- Dry contact for external device connection such as CO<sub>2</sub> sensor (can be used to trigger the unit to turn on if certain external conditions are met such as a high CO<sub>2</sub> level)
- Active lamp life detection with lamp status indicator
- Lamp hour reset
- Manual On/Off switch
- Delivered dosage is not impacted by ambient temperature
- Environmentally friendly/Mercury
- Instant On/Off

Visit CDC for more information on upper-room (UVGI): <https://www.cdc.gov/coronavirus/2019-ncov/community/ventilation/UVGI.html>

EPA Establishment  
Number 96253-MO-1

ISO 9001



Designed and  
Assembled in U.S.A.



National Stock Number  
4230-01-694-1037

Service Disabled Veteran  
Owned Small Business GSA  
Schedules and Co-ops.



\*All references to "disinfection" are referring generally to reduction of bioburden and are not intended to refer to any specific definition of the term as may be used for other purposes by the U.S. Food and Drug Administration or the U.S. Environmental Protection Agency. The disinfection technology as incorporated in Far UV Technologies products is not intended for use in the cure, mitigation or prevention of disease and is not certified or approved for use as or for the disinfection of medical devices by the FDA. Bioburden reduction is a function of fixture run time, distance to the UV light source, air flow, room size, shadow areas and/or other factors, and the level of reduction

# Krypton-11™

## Product Specifications:

### Electrical

|                       |             |
|-----------------------|-------------|
| Operating Voltage:    | 24VDC +/-1  |
| Input Power Nominal   | 12W +/-1    |
| Input Power Max.      | 15W         |
| Input Current Nominal | .50A +/- .1 |
| Input Current Max.    | .63A        |

### Optical Output

Filtered 222nm Peak Far UV Wavelengths with Diffuser

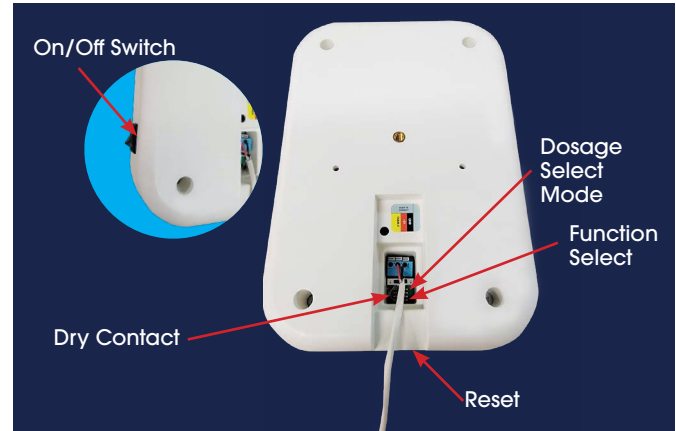
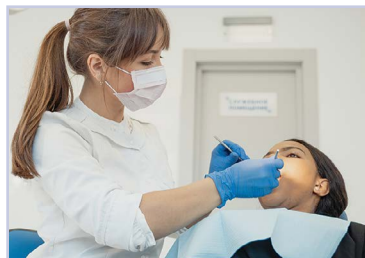
### Operation & Storage

|                              |               |
|------------------------------|---------------|
| Operating Temperature Range: | -20°C to 60°C |
| Operating Humidity:          | 10-80%        |
| Altitude:                    | 0-10,000 ft.  |
| Storage Humidity:            | <90%          |
| Storage Temperature:         | <60°C         |

### Included Accessories:

- 100-277VAC 50/60 Hz to 24VDC 40/60W transformer
- Through hole mount to any surface
- 2 conductor shielded cable
- Installation manual

|                     |   |
|---------------------|---|
| Expected Lamp Life: | 9,000 hours<br>(Typically 1-3 years as installed) |
|---------------------|---|



## Applications:

- Defense and Government facilities
- K-12 schools and universities
- Healthcare facilities (vaccination stations, testing centers, drugstores, waiting rooms, etc.)
- Public facilities (airports, city halls, elections, courts, museums, theaters and amusement parks)
- Detention centers
- Elderly care facilities
- Childcare facilities
- Commercial offices and conference rooms
- Hotels, resorts and casinos
- Restaurants/Retail (including beauty, gym, etc.)
- Athletic facilities (luxury suites, exam and athletic training, weight, locker and meeting rooms)
- House of Worship
- Entertainment venues
- Conference centers
- Food preparation
- Grocery and convenience stores
- Industrial facilities