



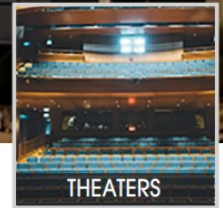
AIRPORTS



CONVENTIONS



SEMINARS



THEATERS

Krypton-36™

Far UV 222nm Ceiling-Mount Disinfection Lighting

The Krypton-36 disinfection lights are ideal for rooms with high ceilings that range from 11' to 35' foot ceilings. Krypton-36 can be used within any budget to increase the safety of occupants of any environment. Since the immune system of any occupant of spaces unknown, the goal is to reduce the viral load as much as possible. Krypton-36 disinfection lighting is the only practical, safe and effective air AND surface disinfection method that can be used while space is occupied.



Dimensions

Length: 11.0" (279mm)

Width: 7.0" (177mm)

Height: 2.152" (54.6mm)

Features & Benefits:

- Up to 3 log+ (99.9%) cumulative disinfection per day
- Designed to meet and not exceed IEC/EN 62471 and ACGIH 222nm UV exposure Threshold Limit Values (TLV) for human exposure
- Air and surface disinfection for up to 1000 sq. ft. per fixture
- Recommended for 11-35 foot ceiling heights
- No degradation in output over the life of the lamp
- Environmentally friendly/Mercury free
- Instant On/Off
- Delivered dosage is not impacted by ambient temperature

Krypton Far-UVC (222 nm) disinfection treatment completely destroys bacteria and viruses

Krypton Far-UVC (222 nm) lights completely eradicate single-cell organisms, with less energy and with no photoreactivation. Krypton light primarily kills microbes by resonating with the proteins in the microbe's outer membrane causing it to fail, rather than just the DNA itself.

Certifications

Company EPA
Registration #96253

ISO 9001
Certified



Made in U.S.A.



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 Properties

Lamp Life:	3,000 hrs
Expected Luminaire Life: (depending on operating parameters)	Up to 15 years
200-230nm Output:	320mW (peak @ 222nm)
Beam Dispersion:	0-40° (1/2 angle)

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

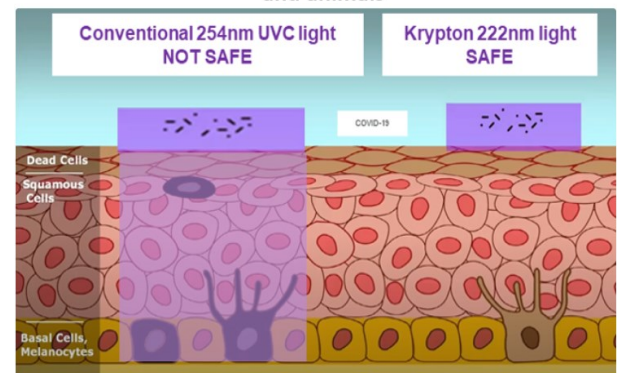
Included Accessories:

- 100-277VAC 50/60 Hz to 24VDC 60W transformer
- Drop ceiling clip mount
- Ceiling mounting plate and hardware for ¼ twist lock installation
- 20 ft., 2 conductor shielded cable
- Installation manual

Applications:

- Medical and dental facilities
- Government and defense facilities
- Commercial office, elevators and stairwells
- Public facilities (airports, city halls, museums, theaters, amusement parks, bathrooms)
- Transportation (airplanes, buses, cruise ships, trains, subways and ferries)
- Elderly care facilities
- Daycare centers
- Grocery and convenience stores
- Hotels, resorts and casinos
- Restaurants/Retail
- Universities and schools
- Athletic facilities (stadiums, locker rooms and equipment)
- Residential, Commercial and Industrial facilities
- Sanitation of water or chemical sensitive applications
- Food preparation and delivery
- Extending food shelf life
- Hand hygiene - no water, soap or paper towels
- Shipping and logistics

Krypton Far-UVC (222 nm) lighting is much safer for humans and animals



BrightWater Energy Solutions—Authorized FARUV Distributor
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