

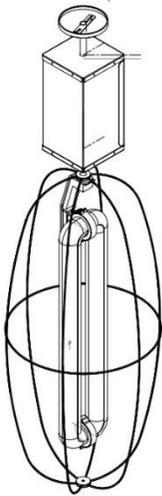
# ULTRA-TECH™ LIGHTING STERILE-BRIGHT™

## STRL-DD-400WUV



- **BRIGHT-TECH**® System includes these features
- Sterile-Bright™ **LUMENTEC**® tuned spectrum
- Ancillary ozone production for sanitizing
- High energy output UV-A, UV-B, and UV-C
- UV radiation from 180nm to 456nm
- 360° of **omnidirectional** radiation
- Extraordinary **100,000-hour** life cycle
- 120V~277V and 50hz or 60hz auto-sensing ballast, amazing .98 power factor
- Lightweight and easy to deploy
- Instant strike/re-strike, no warm-up/cool down
- **VARI-BEAM**® focal/dispersion technology

The Sterile-Bright™ drop-down “pendant” fixture generates *extremely intense* sterilizing UV radiation† between **180nm to 456nm at 400 watts**. It is easily installed using any standard



chandelier cable hoist (lift) that can extend the unit to any height from intended surfaces and within spaces. It is designed for high-ceiling applications and large areas like stadiums (indoor & outdoor), auditoriums, theaters, gymnasiums, arenas, atriums, tennis courts, ice rinks, casinos, showrooms, and more.

Designed for quick deployment, the STRL-DD-400WUV drop-down unit is extremely efficient; capable of sanitizing very large areas in minutes rather than hours. It can also be suspended from an electrified cable & rail system like those used for camera and lighting positioning, allowing units to be moved around a space. Unique hardened cage protects induction tube from damage. Precisely spaced grid does not diminish radiation output.

Sterile-Bright™ technology should only be used in *evacuated spaces*, free of any people or animals. Its ionizing radiation generates *ozone* that acts as an additional sterilization agent.\* Special care should be given to insure *safe operation*. Brief exposure to UV radiation and ozone is generally not dangerous. Fast-action sanitizing won't damage plastics or other materials. Ozone and occupancy sensors are available.

Environmentally safe and friendly - mercury is a solid encapsulated amalgam like a dental filling. No hazardous material disposal is necessary. Deployment can also act as ozone fumigator for those seeking exterminating capabilities. See technical specifications on back for more information.

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\* Ozone exposure in excess of 0.5ppm over 5 hours is considered harmful.

## TECHNICAL SPECIFICATIONS

<b>MODEL</b>	<b>STRL-DD-400WUV</b>
RATED WATTAGE	400W
VOLTAGE RANGES	110V~277V ± 15%
CURRENT @ 120V~277V	1.96A ~±
FREQUENCY	50/60Hz
POWER FACTOR	0.98
IN-RUSH CURRENT	NEGLIGIBLE
RFI PART 15/18	SHIELDED
NOISE	<20dB
TYPE	MAGNETIC INDUCTION
COLOR RENDITION INDEX	N/A
SPECTRUM RANGE	180nm~456nm
BALLAST/BULB CERTIFICATIONS	C/CCC/CE/CB/RoHS
TEMPERATURE RANGE	-30°F ~ +140°F
RATING	Indoor Dry
FINISH	Powder Coated
REFLECTOR	360° radial exposure
MOUNTING	Hook Hanger
LENS	(no lens)
LUMENS PER WATT	N/A
VISUALLY EFFECTIVE LUMENS	N/A

### Summary of UV light studies on Coronaviruses

Microbe	D90 dose (exposure) required	Source
Coronavirus	7 J/m <sup>2</sup>	Walker 2007
Berne virus (Coronaviridae)	7 J/m <sup>2</sup>	Weiss 1986
Murine Coronavirus (MHV)	15 J/m <sup>2</sup>	Hirano 1978
Canine Coronavirus (CCV)	29 J/m <sup>2</sup>	Saknimit 1988
Murine Coronavirus (MHV)	29 J/m <sup>2</sup>	Saknimit 1988
SARS Coronavirus CoV-P9	40 J/m <sup>2</sup>	Duan 2003
Murine Coronavirus (MHV)	103 J/m <sup>2</sup>	Liu 2003
SARS Coronavirus (Hanoi)	134 J/m <sup>2</sup>	Kariwa 2004
SARS Coronavirus (Urbani)	241 J/m <sup>2</sup>	Darnell 2004
Coronavirus	7 J/m <sup>2</sup>	Walker 2007

† Dosimeter cards are recommended for initial UV distribution measurement and set-up for optimum results. Ultra-Tech™ Lighting is available to assist in any application evaluation.

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