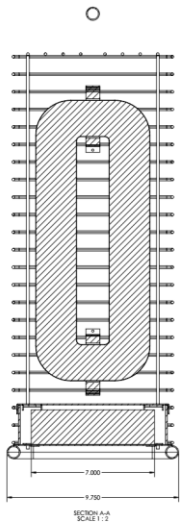
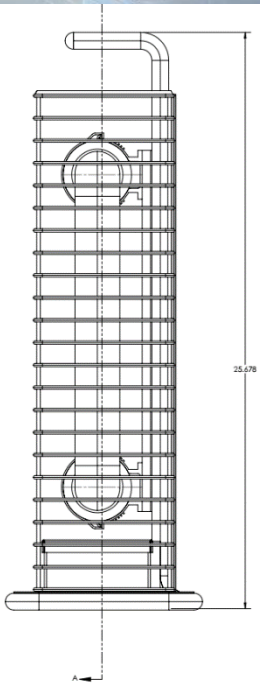
ULTRA-TECH™ LIGHTING
STERILE-BRIGHT™

STRL-PU-250WUV



- 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 457nm
- 360° of omnidirectional radiation
- 100,000-hour life cycle
- 110V~277V and 50hz or 60hz auto-sensing ballast, .98 power factor
- Lightweight and easy to handle
- Instant strike/re-strike, no warm-up/cool down
- Nano-particle reflector technology
- VARI-BEAM® focal technology



The Sterile-Bright™ hand-portable unit generates intense sterilizing radiation between **180nm to~456nm**. It can easily be moved from space to space and is ideal for sanitizing cars, ambulances, emergency vehicles, food service areas, bathrooms, locker rooms, offices, refrigerators, public transportation vehicles (ships, planes, trains), conference rooms, hallways, and common areas. Designed for quick deployment, the STRL-PU-250WUV hand portable unit is extremely efficient, capable of sanitizing a vehicle interior in less than one minute. It can easily be suspended from a hook and activated using a wireless key fob. The unique hardened cage protects the induction tube from damage. Precisely spaced grid does not diminish radiation output. Powder coating is UV resistant.

Sterile-Bright™ technology should only be used in ***evacuated spaces*** free of any people or animals. Ionizing radiation generates ozone that acts as an additional sterilization agent, but can be harmful to breathe. Special care should be given to insure ***safe operation***. Brief exposure is not dangerous. Fast-action sanitizing will not damage plastics or other materials.

Unlike typical 40-watt fluorescent lamps, a single Sterile-Bright™ hand-portable unit generates substantial energy from a 250-watt UV generator. This provides maximum efficiency and effectiveness. Mercury is a solid encapsulated amalgam, making Sterile-Bright™ environmentally safe and friendly. No hazardous material disposal is necessary. See technical specifications on back for more information.

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RoHS

TECHNICAL SPECIFICATIONS

MODEL	STRL-TR-250(300)WUV
RATED WATTAGE	250W
VOLTAGE RANGES	110V~277V ∓ 15%
CURRENT @ 120V~277V	2.319A @ 110V 250W 2.783A @ 110V 300W 0.92A @ 277V 250W 1.105A @ 277V 300W
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
COLOR TEMPERATURE	180nm~456nm
BALLAST/BULB CERTIFICATIONS	UL-C/CCC/CE/CB/RoHS
TEMPERATURE RANGE	-30°F ~ +140°F
RATING	Indoor Dry
FINISH	Powder Coated
REFLECTOR	360° radial exposure
MOUNTING	Self-Standing or 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/m2	Walker 2007
Berne virus (Coronaviridae)	7 J/m2	Weiss 1986
Murine Coronavirus (MHV)	15 J/m2	Hirano 1978
Canine Coronavirus (CCV)	29 J/m2	Saknimit 1988
Murine Coronavirus (MHV)	29 J/m2	Saknimit 1988
SARS Coronavirus CoV-P9	40 J/m2	Duan 2003
Murine Coronavirus (MHV)	103 J/m2	Liu 2003
SARS Coronavirus (Hanoi)	134 J/m2	Kariwa 2004
SARS Coronavirus (Urbani)	241 J/m2	Darnell 2004
Coronavirus	7 J/m2	Walker 2007

RoHS