

# VS01E

FLUORESCENT LAMPS  
VIDASHIELD



REV: JUL / 17 / 2019

1 (800) 831-1222 | www.vidashield.com



## OVERVIEW

The VS01E is a patented 2 x 4 lighting troffer with a UV-C air treatment system. The VS01E uses energy efficient T8 fluorescent lamps or LED tubes to provide high efficiency area illumination.

The VS01E draws in untreated air, pushes it through a highly reflective UV chamber with an ultraviolet light set at the wavelength of 253.7 nanometers which inactivates bacteria or fungi that passes over the lamp. Four fans continue to push the air through the unit at approximately 50 cfm. This allows the unit to treat the equivalent of one full volume of air from a typical 10 x 10 room with 8 ft. ceilings four times an hour. The system works 24/7/365.

## FIXTURE SPECS

Dimensions ..... 60cm wide x 120cm long x 15cm high (nominal)  
 Weight ..... 20 kgs.  
 Wattages ..... 50-57 (fluorescent), 34-41 (LED tubes)  
 Voltage ..... 120-277v (UNV)  
 Generator ..... T8 Ballast Configuration with Options  
 Housing ..... 20 ga. Steel with Antimicrobial Powder Coat Finish  
 Lens / Door .... Prismatic  
 Lumen Output . 4000 (fluorescent), 3500 (LED tubes)

## UV-C CHAMBER SPECS

Dimensions ..... 40.6cm wide x 120cm long x 15cm high (nominal)  
 UVC Lamp ..... One 59w T5HO 22" Lamp w/ 15w of UVC Output  
 Fan System ..... Ultra Quiet Air Circulation Fans  
 Volume ..... 50 CFM  
 Generator ..... Dedicated UV Ballast  
 Air Filter ..... MERV 6 High Air Flow Particle Filter  
 Light Block ..... Formed Baffles Prevent UV Light Leaks  
 Safety Lock .... Switch Deactivates UV When Accessed

## NOTES

UNV = 120-277v

The VidaShield UV24 brand is owned, sold, distributed, marketed and manufactured by Medical Illumination in Chatsworth, CA. It is also known as the UV24 overhead air purification system. For more information about UV24, log onto medillum.com.

PROJECT \_\_\_\_\_

TYPE \_\_\_\_\_



3 Year Limited Warranty  
ETL Listed

