



## 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. Rated at 30 dB.

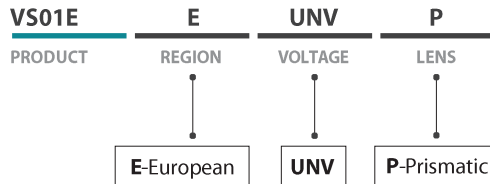
## FIXTURE SPECS

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

## UV-C CHAMBER SPECS

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

## ORDER



EXAMPLE: VS01E - E - UNV - P

## NOTES

UNV = 120-277v

The VidaShield UV24 brand is owned, sold, distributed, marketed and manufactured by Medical Illumination in San Fernando, 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

