

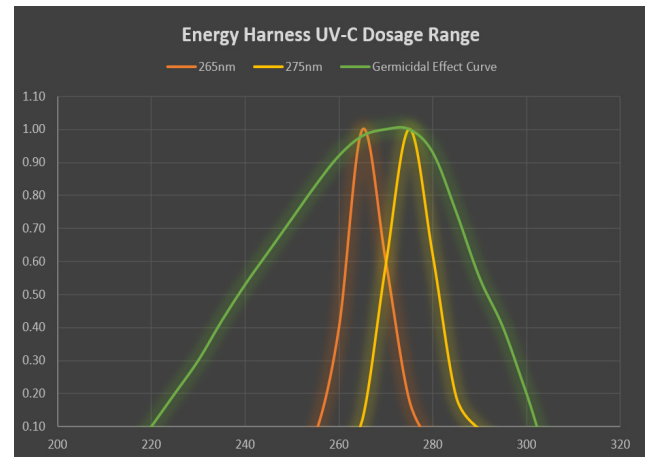


### Features

- High dosage short-wave UV-C applied to airflow for controlled duration period.
- Solid-state LED technology to deliver precise UV-C reliability.
- Exact nanometer wavelengths are used to cover germicidal vulnerability spectrum.
- Air circulation up to 131 CFM can help to clean room or area air many times per hour.
- Standard 2'x 4' fixture size fits into any commercial ceiling grid configuration.
- Easy installation compatible with all standard 120-277VAC electrical systems.
- Replaceable LED modules allow for years of reliable service with the same fixture.
- Filters are easily changed or cleaned to increase longevity and efficiency.

### Warranty and Listings

- UL listed for damp locations and insulated ceilings (IC-rated) for use in ambient temperatures from -25°C to 50°C (-13°F to 122°F).
- Complies with IEEE C.62.41-1991, input transient protection (2.5kV).
- 5-year warranty of all electronics and housing.



Series	Size
F Fresh	24 2x4
F	24

### REPLACEMENT COMPONENTS:

- UVC Maintenance Module
- Filter Module
- EHA-UVC-MODULE
- EHA-UVC-FILTER



Project Name	Project Number	Fixture Schedule ID	Model Name

## Ultraviolet Dosage

Germicidal lamps provide effective protection against microorganisms. A small cross-section is shown below.

ORGANISM	ALTERNATE NAME	TYPE	DISEASE	DOSE*
Corynebacterium diphtheriae	C. diphtheriae	Bacteria	Diphtheria	6,500
Legionella pneumophila	L. pneumophila	Bacteria	Legionnaire's Disease	12,300
Mycobacterium tuberculosis	M. tuberculosis	Bacteria	Tuberculosis (TB)	10,000
Pseudomonas aeruginosa	P. aeruginosa	Bacteria		3,900
Serratia Marcescens	S. marcescens	Bacteria		6,160
Staphylococcus aureus	S. aureus	Bacteria		6,600
Staphylococcus epidermidis	S. epidermidis	Bacteria		5,800
Adeno Virus Type III		Virus		4,500
Coxsackie A2		Virus		6,300
Influenza		Virus	Flu	6,600

\* Nominal Ultraviolet dosage (mWSec/cm<sup>2</sup>) necessary to inactivate better than 99% of specific microorganism / microbe.

### Active Airflow UV-C Fixture

Model	EHF-UVC-AA2x4-277
A/C Power	120V - 277VAC
Max Wattage	120 watts
Amperage	1.002 Amps (120 VAC)
Wavelength	260nm-280nm
UVC Dosage	12,000 - 18,000 μW*Sec/cm <sup>2</sup>
Noise Level	36 - 38dB
Airflow	131 CFM
Optimum Coverage per Fixture	360sq/ft
Fixture Dimensions (Lx Wx H)	47.75" x 23.75" x 2.75"
Fixture Weight	21 lbs