



**UV-C AIR DISINFECTION + DIMMABLE/TUNABLE
WHITE CEILING TROFFER POWERED BY ENFOCUS™**

The abUV™ Troffer LED Fixture is a universal, sturdy structure for retrofit or new construction markets that is aesthetically designed to support one, two or three of our direct-wire, flicker-free T8 EnFocus™ LED lamps while providing continuous UV-C Room Air Disinfection. The steel troffer body provides a solid, reliable installation. The abUV™ Troffers are available in 2'x2' and 2'x4' configurations and provide top-of-the-line lumen output while supporting the ease of maintenance of a tube-based sustainably designed fixture.

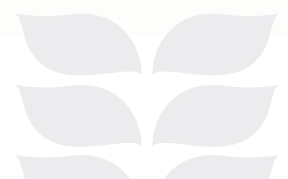
FEATURES AND BENEFITS

- Includes three (3) EnFocus color tuning and dimming TLED lamps and one (1) ozone-free UV-C lamp in an enclosed housing for continuous safe air disinfection
- 2x2 troffer: Ozone-free 26 Watt quartz lamp produces 10.5 Watts of UV-C at 254 nm; 66 sq.ft. coverage
- 2x4 troffer: Ozone-free 49 Watt quartz lamp produces 21 Watts of UV-C at 254 nm; 100 sq.ft. coverage
- Onboard single-speed fan sized for 2 ACH (air changes per hour) based on 9ft ceilings
- Controlled by exclusive EnFocus™ room-based 8-amp wall switch (sold separately)
- LED indicators for lamp diagnosis
- 6-inch universal depth of troffer
- 120-277 VAC, 50/60 Hz compatibility
- UL and CE certifications pending
- Engineered to kill at least 99.9% of airborne pathogens such as SARS-COV-2
- Disinfection power to be verified by third party agency
- No filter changes required

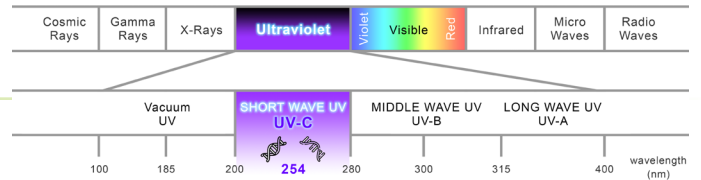


PRODUCT SPECIFICATIONS

Size	2'x2' and 2'x4'
Supports	Up to three T8 TLED lamps (included)
Connection	UL LED T8 ready, non-shunted
Input Voltage	120-277VAC, 50/60 Hz
Body	23 gauge (0.6mm) aluminum
Color Temperature	Dimming Only (3500K, 4000K, 5000K) Dimming and Color Tuning (2700K - 6500K)
CRI	>80
Finish	White enamel
Mounting	Suspension for standard grid ceiling
Lens	Frosted striated lens, 90% transmission
Environmental Requirements	Operating temp: -20 to +50°C Storage temp: -30 to +60°C Working humidity: 30% to 85% Storage humidity: 10% to 90% Non-corrosive environments
Warranty	10,000 hours rated UVC quartz lamp (1 year warranty) 5 Year Warranty on troffer (excluding UVC lamp) 5 Year Warranty on EnFocus™ UVDCT and UVDM Switch 10 Year Warranty on EnFocus™ TLED lamps



UV in the Electromagnetic Spectrum



PRODUCT SPECIFICATION

Product	SKU	Description
UVCD Troffer	LEDFUV-T8RT-23	2x2 3-lamp + UV-C Recessed Troffer
UVCD Troffer	LEDFUV-T8RT-43	2x4 3-lamp + UV-C Recessed Troffer
EnFocus™ UV Switch	LEDSW-DCT-UV-2-8-WH	2-wire Dimming and Color Tuning EnFocus™ UV 8amp Switch
EnFocus™ UV Switch	LEDSW-DCT-UV-3-8-WH	3-wire Dimming and Color Tuning EnFocus™ UV 8amp Switch
EnFocus™ UV Switch	LEDSW-DM-UV-2-8-WH	2-wire Dimming Only EnFocus™ UV 8amp Switch
EnFocus™ UV Switch	LEDSW-DM-UV-3-8-WH	3-wire Dimming Only EnFocus™ UV 8amp Switch

DIMMING AND COLOR TUNING LED LAMP SPECIFICATION

SKU	SIZE	NOMINAL POWER (x3)	LUMINOUS FLUX (x3)
LEDFLT8-82765-207-5EDCTF	(24") 2'	7W	1050lm
LEDFLT8-82765-411-5EDCTF	(48") 4'	11W	1650lm
LEDFLT8-82765-415-5EDCTF	(48") 4'	15W	2250lm

3 dimmable and color tunable LED lamps included with each troffer (dimmable only lamps also available upon request)

DIMMING ONLY LED LAMP SPECIFICATION

PART NUMBER	SIZE	NOMINAL POWER (x3)	LUMINOUS FLUX (x3)
LEDFLT8-8XX-207-5EDMF	(24") 2'	7W	1050lm
LEDFLT8-8XX-411-5EDMF	(48") 4'	11W	1650lm
LEDFLT8-8XX-415-5EDMF	(48") 4'	15W	2250lm

XX refers to the option for 3500K, 4000K or 5000K color temperature. (Replace XX with 35, 40 or 50 when selecting).

DIAGRAM (2x4)

