



**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.

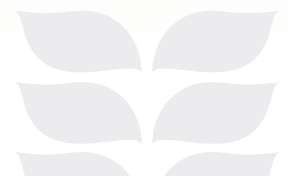
**FEATURES AND BENEFITS**

- 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
- 2x4 troffer: Ozone-free 49 Watt quartz lamp produces 21 Watts of UV-C at 254 nm
- Controlled by exclusive EnFocus™ room-based 8-amp wall switch (sold separately)
- Onboard single-speed fan sized for 2 ACH (air changes per hour) for 200 sq.ft. space
- LED indicators for lamp replacement notification and 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

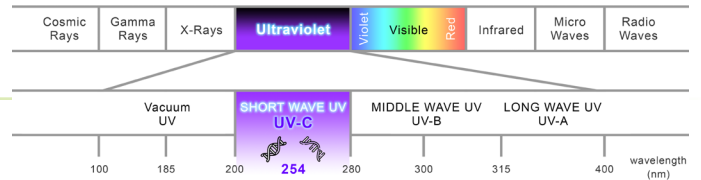


**PRODUCT SPECIFICATIONS**

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	<b>Operating temp:</b> -20 to +50°C <b>Storage temp:</b> -30 to +60°C <b>Working humidity:</b> 30% to 85% <b>Storage humidity:</b> 10% to 90% <b>Non-corrosive environments</b>
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)

