

ENLIGHTEN AND INSPIRE  
FOR BETTER LIVING



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

The abUV™ LED fixture is a universal, sturdy structure for retrofit or new construction markets while providing continuous UV-C Room Air Disinfection. The steel troffer body offers a solid, reliable installation. The abUV™ troffers are available in 2'x2' and 2'x4' configurations and provide top-of-the-line lumen output plus low maintenance and a tube-based, sustainably designed fixture. The abUV™ fixture can be operated safely while space is occupied.

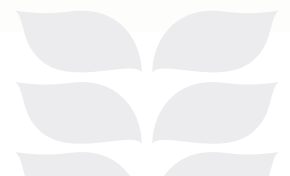
**KEY BENEFITS AND FEATURES**

- Engineered to kill at least 99.9% of airborne pathogens such as mold, bacteria, and viruses including SARS-CoV-2
- No filter design means no filter changes ever required
- Onboard single-speed fan sized for 2 ACH (air changes per hour) per 100 sq.ft.
- Controlled by award-winning EnFocus™ room-based wall switch (sold separately)
- LED indicators for simple lamp diagnosis
- Includes three EnFocus color tuning and dimming TLED lamps and one ozone-free UV-C lamp in an enclosed housing for continuous, safe air disinfection

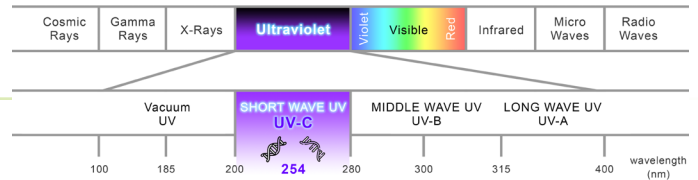


**PRODUCT SPECIFICATIONS**

Size	2'x2' and 2'x4'
Supports	Powered by 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 Switch
EnFocus™ UV Switch	LEDSW-DCT-UV-3-8-WH	3-wire Dimming and Color Tuning EnFocus™ UV Switch
EnFocus™ UV Switch	LEDSW-DM-UV-2-8-WH	2-wire Dimming Only EnFocus™ UV Switch
EnFocus™ UV Switch	LEDSW-DM-UV-3-8-WH	3-wire Dimming Only EnFocus™ UV 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)

