

## FCU Series

### IN AHU & IN DUCT DISINFECTION

Our light commercial and residential in-duct UV fixtures provide a solution for disinfection throughout homes and businesses. The FCU (Fan Coil Unit) series is designed for applications where non-central HVAC systems exist, such as classrooms, hotel rooms, and older buildings. Benefits include:

- Engineered to maintain high level air disinfection 24/7 by neutralizing and eliminating the infectious airborne pathogens that cause respiratory illness and disease.
- Designed to achieve disinfection of the cooling coil surfaces to increase efficiency and decrease biological growth on the coil.
- Available in a range of configurations to accommodate various coil lengths or plenum spaces.e

#### Models

There are six FCU models available using either 35W, 60W or 95W Philips PL-L UV lamps.

Designed to disinfect air and surfaces in non-central A/C & heating units.



Work 24/7 to keep air and units free and clear of airborne contaminants.



Neutralizes and eliminates the infectious airborne pathogens that cause respiratory illness and disease.



Provides a solution for disinfection throughout homes and businesses.

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### FCU Product Specifications

#### Standard Specifications

Lamp Specs	PL-L 35W, 60W, 95W TUV (non proprietary)
Wavelength	254 Nanometers*
Expected Lamp/Bulb Rated Life <sup>1</sup>	18 months
Lamp Socket	Single Ended, 4 Pin, 2G12
Input Voltage	Self Regulated Electronic UV Ballast 120V
Electrical Requirement	See Ordering Guide
Housing Finish	Aluminum

#### Certifications:

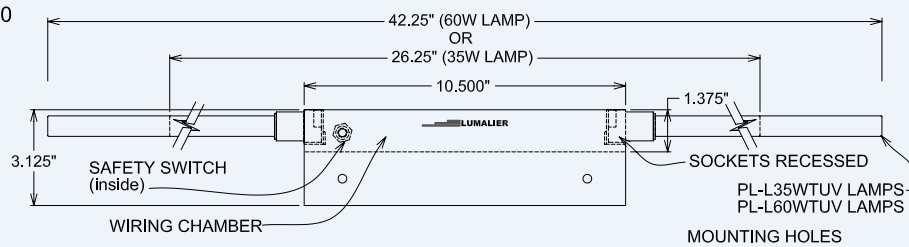


ASHRAE	meets ASHRAE TC 2.09
EPA <sup>2</sup>	EST. NO. 91347-TN-001
ETL	CDR100230620ATL-001A

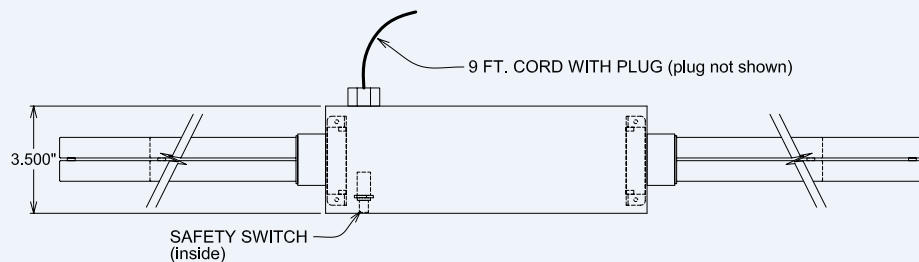
<sup>1</sup>With 80% utilization  
<sup>2</sup>The manufacturer is registered with the US EPA. Clinical lab testing has been performed in independent labs.

**Warranty** Lamps/2 years; Parts/5 years

TYPICAL FRONT VIEW FCU-235/260



TYPICAL TOP VIEW FCU-235/260



Due to continuing research, Lumalier reserves the right to change specifications without notice.

#### Ordering Guide

Model#	Description	AHU	Size
FCU-135	One 35 W, chill-corrected lamp, 360° disinfection	Coil width: 39" to 44 "	Total length = 37"
FCU-160	One 60 W, Chill-corrected lamp, 360° disinfection	Coil width: 39" to 44 "	Total length = 37"
FCU-195	One 95 W, chill-corrected 20" lamp, 360° disinfection	Coil width: 39" to 44"	Total length = 32"
FCU-235	Two 35 W, chill-corrected lamps, 360° disinfection	Coil width: 30" to 38"	Total length = 28"
FCU-260	Two 60 W, chill-corrected lamps, 360° disinfection	Coil width: 44" >	Total length = 42"
FCU-295	Two 95 W, chill-corrected 20" lamps, 360° disinfection	Coil width: 48" >	Total length = 48"



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