



Project: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Cat. #: \_\_\_\_\_  
 Type: \_\_\_\_\_  
 Quantity: \_\_\_\_\_

LED

# FFR D LED Disinfection Retrofit

### Features:

- High performance disinfecting LED technology utilizing IllumiPure LED boards
- 0-10V dimming drivers standard
- Continuously disinfect hard or soft surface, killing 99.9% of bacteria when lights are kept on
- Effective against MRSA, C. Difficile, Salmonella, E. Coli
- Completely harmless to humans and animals as the antibacterial spectrum is part of the normal visible LED spectrum (405nm wavelength)
- Field replaceable LED boards and drivers
- Frosted diffuser optimized to balance efficiency and aesthetics
- Available in a wide variety of lumen outputs for maximum flexibility
- Quick and easy installation helps save on labor costs

### Applications:

Suitable for most commercial and institutional applications

- Office
- Retail
- Classrooms
- Healthcare Facilities
- Labs and clinics

### Construction:

- Die-formed heavy-gauge cold rolled steel ballast housing with precision brake formed aluminum LED tray
- Frosted Polycarbonate Diffuser
- White enamel finish

### Certifications:

- UL 1598 listed for US and Canada, suitable for damp locations

### Warranty:

- 5 year limited system warranty
- See [www.LumenFocus.com](http://www.LumenFocus.com) for complete warranty terms and conditions



## Ordering Guide:

example: FFR D 22 MD UV FA 850

Series	Board Type	Size	Output	Voltage	Shielding	CRI/CCT	-	Options
FFR	D		HI		FA		-	
FFR	D	22 24	HI	UV 34	FA	840 850		Blank W6 W10 EM1 F GC SDT(347V) AR BAA

**Board Type:** D Disinfectant

**Options:** Blank None  
W6 6' Whip  
W10 10' Whip  
EM1 Emergency Kit - 12W 1200 nominal lumens  
(120-277V / 0°C-50°C ambient)

**Size:** 22 2'x2'  
24 2'x4'

**Lumen Output:** HI High

**Voltage:** UV 120-277V  
34 347V

**Shielding:** FA Frosted Acrylic

**CRI/CCT:** 840 80 CRI / 4000K  
850 80 CRI / 5000K

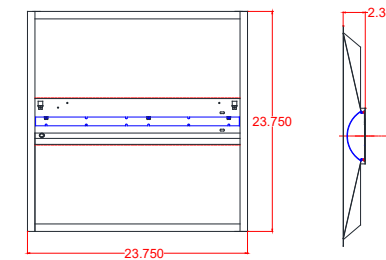
## Performance Chart:

Catalog #	Watts	Lumens (840)	LPW (840)	Lumens (850)	LPW (850)
FFR D 22 HI UV FA xxx	60	6600	110	6600	110
FFR D 24 HI UV FA xxx	80	8800	110	8800	110

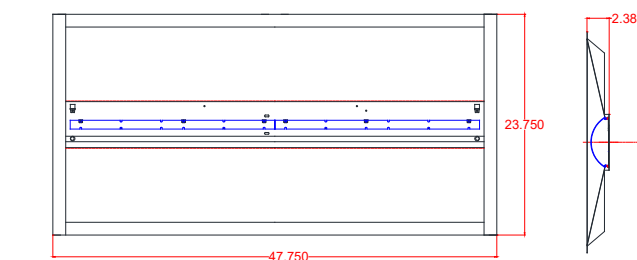


## Schematics:

2x2



2x4



# FFR D LED Disinfection Retrofit



## Installation Instructions:



1) Turn off power to luminaire, remove all fluorescent components, dispose of properly.



2) Insert endcaps between ceiling grid and troffer.



3) Slide LED panel between grid and troffer, fasten with provided quarter turns.



4) Connect LED panel with provided disconnect. Insert blank side panel between grid and troffer, fasten with provided quarter turns.



5) Insert lens material into track, turn on power.



**Total Install time: less than 5 minutes!**



## Installation Demo Online:

An online demonstration video can be found on our YouTube channel [at this link](#).

A Re-boardABILITY demonstration video can be found [at this link](#).

