



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

LED

# FFR D 14 LED Disinfection Retrofit

## Features:

- High performance disinfecting LED technology utilizing IllumiPure LEDs
- 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 near-UV wavelength)
- Field replaceable LED boards and drivers
- Frosted diffuser optimized to balance efficiency and aesthetics
- 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

**Note:** These UVFocus products are designed utilizing proven anti-bacterial technology. UVC 405nm near-UV products are shown to substantially reduce bacterial presence. While these products can be considered disinfecting products, they should be used in conjunction with standard, proper disinfecting cleaning procedures to have the greatest impact for maintaining a clean environment. Successful UV disinfection requires a systems approach taking into account dose, optics and safety relevant to the specific application. Please consult with factory any questions or concerns.



illumPure  
 UVFOCUS

# FFR D 14 LED Disinfection Lay-In



## Ordering Guide:

example: FFR D 14 HI UV FA 845

Series	Board Type	Size	Output	Voltage	Shielding	CRI/CCT	-	Options
FFR	D	14	HI		FA	845	-	
FFR	D	14	HI	UV 34	FA	845		Blank EM1 F AR

**Board Type:** D Disinfectant

**Shielding:** FA Frosted Acrylic

**Size:** 14 1'x4'

**CRI/CCT:** 845 80 CRI / 4500K

**Lumen Output:** HI High

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

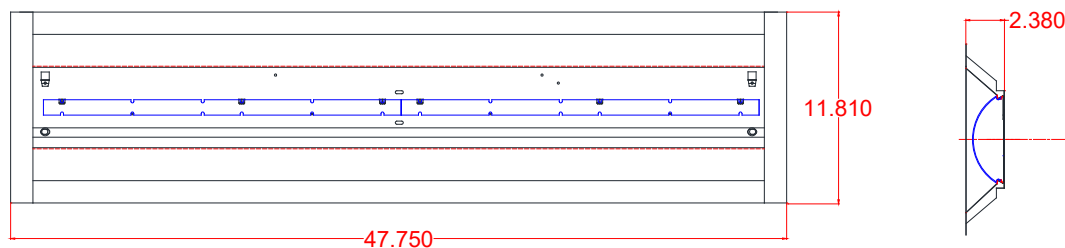
**Voltage:** UV 120-277V  
34 347V

F Fuse  
AR Plenum Ceiling Air Return

## Performance Chart:

Catalog #	Watts	Lumens	LPW
FFR D 14 HI UV FA 845	80	8800	110

## Schematics:



# FFR D 14 LED Disinfection Lay-In



## 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](#).

