

# Pure, **clean** illumination

## Continuous disinfection from your LED luminaires!

New additions to the **UVFocus** line from LumenFocus feature state-of-the-art LEDs from IllumiPure that can reduce bacteria by 99.9 percent!

The technology in these IllumiPure chips provides continuous disinfection. The light shines onto surfaces and penetrates harmful micro-organisms. The LED wavelength produces a chemical reaction in the cells similar to what occurs when using bleach. The bacteria is inactivated, preventing it from re-populating on the surface or spreading to other surfaces. These LEDs also treat the growth of molds and fungi!

These LEDs are used in our new FFLD lay-in and FFRD retrofit kit products (pictured right), available in 2x2, 2x4 and 1x4 options.

Traditional ultraviolet disinfection lights cannot operate when people or animals are in the room. However, with IllumiPure boards, the LED emission wavelength is adjusted away from the UV wavelength range ("near-UV," at 405nm), making these LEDs completely safe to humans and animals. Since the antibacterial spectrum is integrated as part of the normal white LED spectrum, these luminaires produce aesthetically comfortable illumination. You can keep working while the light fixtures cleanse the room!

This technology has been proven in clinical tests. Disinfection efficiency has been proven in in-vitro testing.

These products can be useful in many applications - hospitals, schools, kitchen/food prep areas, public transit, fitness facilities, residential buildings, and many more.



The LEDs in these products kill greater than 99 percent of MRSA, C. Difficile, Salmonella, E. Coli and more in less than 10 hours, and over 97 percent of those bacteria in just four hours.

Because the disinfection spectrum in these LEDs is hidden under the normal white spectrum, the light looks the same as a traditional light fixture and is completely harmless for human skin and eyes.



Contact us today for more information!

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