

LumEfficient
1726-C Gen. George Patton Dr.
Brentwood, TN 37067

tel: 615-371-0961
www.lumefficient.com

LumEfficient

Press Release

Randy Reid, President of LumEfficient, to demonstrate the speed and security of LiFi at LEDucation conference.

Reid will discuss the importance of the lighting industry working together to bring LiFi technology to market.

Brentwood, TN – February 28, 2019 – LumEfficient is proud to be educating the lighting industry on the new lighting technology, LiFi, a network frequency that is transmitted through the fastest natural agent, light. Light Fidelity can maintain a high level of frequency by light concentration and precision. Devices can connect to LiFi and browse the web at speeds faster than ever and won't slow from high traffic on the network. Wireless Fidelity, or WiFi, is on a slower scale of connectivity, using radio frequencies that become congested when connected to multiple IoT devices.

The Importance of LiFi to Lighting

IoT is becoming more common in society today, and LiFi is the lighting industry's future to becoming a part of the technological push. During Reid's presentation, he is emphasizing the importance of lighting companies coming together to create a seamless standard for the integration of LiFi into lighting.

The Diversity of LiFi Technology

LiFi is an early adoption to lighting and with it comes many different variances of the technology. Mono-directional LiFi is the first of LiFi technology, a singular path of information from one device on LiFi to another device within a concentrated region. This may include museums transmitting details of a mural to a visitor through their personal device. The visitor can opt into monodirectional LiFi and receive the data from the museum's light transmission. Since WiFi is a diluted frequency, it cannot send precise, monodirectional information to users. Monodirectional technology is excellent at sharing specific information through its singular path of data transmission. Reid will demonstrate the locational precision of monodirectional connectivity for the LEDucation conference attendees.

The more recognized form of LiFi is omnidirectional, the sharing of data between IoT devices. This is the common use of wireless fidelity today using email, websites, and media platforms. Reid is demonstrating at the LiFi conference with an omnidirectional light fidelity device and showing the speed of transmission between servers. There is a driver connected to the personal device and will recognize that the light is transmitting a wireless signal. Manufacturers of LiFi are in discussion to have drivers installed in mobile devices by end of the year, 2019. This will enable all device users to connect to light fidelity the same way they connect with WiFi.

Where to See the Demonstration

Reid is one of the main presenters at the LEDucation conference and is demonstrating LiFi Tuesday, March 12th from 2:30-3:30pm in Nassau West. The demonstration is covering the speed, security, and reliability of the technology in the growing IoT world. If you are an attendee and cannot attend the presentation, Reid is also demonstrating the technology at LumEfficient's booth no. AH 2020 during the LEDucation conference.

Visit www.lumefficient.com to learn more about our innovative product lines of LED Lighting and LiFi technology.

In addition to LEDucation, Randy Reid will speak at the LightFair and NAILD conferences later this year.

About LumEfficient

LumEfficient, located in Nashville, began its business in 2010 selling LUXIM's Light Emitting Plasma (LEP.) As LED technology continued to improve in efficiency and reliability, LumEfficient gradually began replacing their entire LUXIM brand of LEP luminaires with the LumEfficient brand of LED luminaires. Although LumEfficient products are designed for heavy industrial use, most are sold in the general lighting market because of their competitive price points. LumEfficient has luminaires installed throughout the U.S, as well as India, Russia, Thailand, Germany and the UK.