

PRESS RELEASE

New IoT-Ready™ Alliance to Establish Industry Standard for IoT Sensor Installation in LED Lighting Fixtures

Philadelphia / Dornbirn, May 10, 2017. **Industry-leading organizations like Enlighted, Tridonic and DesignLights Consortium™ are working to establish a standard for “IoT-Ready™” light fixtures that can easily be upgraded with sensors and connectivity modules after installation.**

Leading lighting and LED driver manufacturers, Internet of Things (IoT) technology companies, and industry groups have established the IoT-Ready™ Alliance, dedicated to making installation of IoT technology in luminaires easy now and in the future. The Alliance is setting industry standards that will enable LED light fixtures to be “IoT-Ready™,” facilitating a quick and easy installation of advanced IoT sensors - as simple as changing a light bulb. This will also enable building operators to easily upgrade the sensors, ultimately future-proofing their buildings as IoT technology continues to advance at a much more rapid pace than that of LED fixtures.

Lighting fixtures are an ideal carrier for IoT technology in smart buildings, providing ubiquitous location for granular data collection throughout the building while delivering electric power to the sensors. Yet today, only a small percentage of LED fixtures have smart sensors. After the initial installation of LED fixtures, installing a sensor is cost prohibitive, making the later addition of sensors unlikely.

LED light fixtures typically boast a long lifetime of 15 years or more, while IoT and smart sensor technology is evolving rapidly, at a similar pace to that of the mobile phone. This means major IoT technology upgrades will certainly occur throughout the LED fixture’s life. These upgrade cycles for the IoT sensors call for a cost-effective, low-impact method of changing sensors.

Enlightened CEO Joe Costello stresses the need to solve this challenge immediately – a call which is being answered by the IoT-Ready™ Alliance. “There is tremendous urgency to enable today’s shipping LED luminaires to be easily upgraded with IoT technology. Otherwise, these luminaires condemn buildings to be unintelligent for the entire lifecycle of those fixtures. Fifteen or more years is a long time before building owners have another chance to install smart sensors. With IoT-Ready™ fixtures, customers can install future-proof LED luminaires in their buildings.”

The Alliance’s initiative addresses this challenge head on – standardizing an interface between any luminaire and any IoT sensor. This allows the sensors to be easily added or upgraded at any point in time.

“We are very pleased key players from the lighting industry have come together to meet the needs of our customers, and Tridonic is a driving part of it,” said Guido van Tartwijk, CEO at Tridonic. “IoT-Ready™ future-proofs lighting fixtures so that customers do not have to worry about forward compatibility to upcoming technology upgrades that are expected in the fast-developing world of IoT.”

The IoT-Ready™ Alliance is currently working to standardize the key interface characteristics needed to make this happen. Both fixture-integrated and external sensors are being addressed. The IoT-Ready standards will include definitions for electrical interfaces, connectors, and mechanical form-factors.

“IoT-based lighting systems have tremendous potential to optimize energy efficiency and bring new kinds of value to the lighting and building industries and beyond,” said Gabe Arnold, Technical Director at DesignLights Consortium™. “By standardizing the interface between these IoT systems and the luminaires they are attached to, the IoT-Ready™ Alliance is addressing an essential aspect needed to unlock the full technology potential and enable widespread adoption.”

Initial industry participants include Aruba (a Hewlett Packard Enterprise company), Click Technology Co., Ltd., DECO Lighting, DesignLights Consortium™, Enlighted, ERP Power LLC, Focal Point, MEAN WELL, Orion Energy Systems,

Inc., Selux, Shenzhen Lighting Control Co., Silergy Corp, Tridonic, Universal Lighting Technologies and USAI Lighting.

The Alliance is open to any organization interested in driving the future of IoT and smart buildings. Visit www.IoT-Ready.org or Lightfair booth #3849 to learn more about the IoT-Ready™ Alliance and how to participate.

ABOUT THE IOT-READY™ ALLIANCE

IoT-Ready™ is an alliance of leading lighting, building management, and Internet of Things (IoT) companies and organizations that are creating a common standard for IoT-enabled lighting fixtures. This standard will ensure all new LED lighting fixtures can be shipped with a standard socket to easily add intelligent IoT sensors to the fixture after the fixture has been installed.

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About Tridonic

As a leading global provider of smart and efficient lighting solutions, Tridonic today empowers its customers and business partners to become more successful by making their lighting smarter, more exciting, and more sustainable. Our component lighting solutions deliver superior quality, highest reliability, and impressive energy savings to provide our customers with a strong competitive edge.

The company continuously brings new innovations and state-of-the art lighting solutions to market. 95 percent of all R&D projects are devoted to the development of new LED and connected lighting technologies. Thanks to the in-depth expertise and knowhow in vertical lighting applications (for instance in Retail, Office & Education, Outdoor, and Industry), leading luminaire manufacturers, architects, electrical and lighting planners, electrical installers and wholesalers rely on Tridonic for both indoor and outdoor lighting needs.

As part of the Zumtobel Group, Tridonic is headquartered in Dornbirn, Austria, and in fiscal year 2015/16 generated sales of 410.4 million EUR. 1,640 highly skilled employees and a worldwide sales presence in 51 countries reflect Tridonic's commitment to accelerating the development and deployment of new, smart, and connected lighting applications. With more than 40 million light points installed every year, Tridonic is perfectly positioned to play a decisive role in leveraging lighting as a key enabler and important infrastructure for connected lighting (Internet of Things).

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