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IT Infrastructure Solutions

For Immediate Release

Siemon Develops Planning Guide for Power Over Ethernet Lighting Applications

January 31, 2017. Watertown, CT - Siemon, a leading global network infrastructure specialist, today announced the release of a new Zone Cabling and Coverage Area Planning Guide: 60W PoE Lighting Applications to provide guidance to infrastructure designers on the selection, design, and deployment of a structured cabling system optimized to support a wide range of Power over Ethernet (PoE) lighting applications.

PoE lighting systems are becoming increasingly popular due to the ease and benefits of using Ethernet communication for control and balanced twisted pair cabling to deliver reliable and cost-effective dc power. PoE lighting solutions already illuminate over one billion square feet of commercial space globally, and it is estimated the number of smart lighting deployments will grow from 46 million units in 2015 to 2.54 billion in 2020. PoE lighting luminaires typically use light emitting diode (LED) technology, which offers the benefits of lower power consumption and less heat generation than other luminaire design alternatives, while lowering capital investment, improving safety and comfort, and integrating with building automation systems.

"PoE lighting systems rely on a well-designed infrastructure of high performance balanced twisted-pair cabling, network electronics, and software connecting and communicating with Internet Protocol (IP) addressable luminaires, dimmers, sensors, and controllers to deliver maximum performance, comfort, and energy savings benefits," says Valerie Maguire, Global Sales Engineer for Siemon. "Zone cabling is a standards-based design approach that is highly suited to support arrangements of these PoE lighting devices logically distributed throughout a ceiling space. There are a large number of variables that must be considered prior to identifying the lighting solution that is best suited for a particular building environment, and it is crucial for infrastructure designers to have a complete understanding of these considerations before endeavoring to design and install the low voltage cabling system for PoE lighting deployments. It is for this reason that Siemon also recommends using a qualified Digital Lighting Partner (DLP) for low voltage lighting installations."

With the increasing popularity of PoE lighting and IoT-enabled systems, the landscape of structured cabling design is rapidly advancing. Siemon's new Zone Cabling and Coverage Area Planning Guide: 60W PoE Lighting Applications is a valuable tool for designers and architects to utilize when planning PoE lighting systems. The guide highlights installation recommendations, integration with IoT applications, zone cabling for PoE lighting including coverage areas and location of zone enclosures, and more.

Learn more about PoE Lighting Applications for intelligent buildings and access the new planning guide at:

www.siemon.com/poelighting

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About Siemon

Established in 1903, Siemon is an industry leader specializing in the design and manufacture of high quality, high performance IT infrastructure solutions and services for Data Centers, LANs and Intelligent Buildings. Headquartered in Connecticut, USA, with global sales, technical and logistics expertise spanning 100 countries, Siemon offers the most comprehensive suites of copper and optical fiber cabling systems, cabinets, racks, cable management, data center power and cooling systems and Intelligent Infrastructure Management solutions. With more than 400 patents specific to structured cabling, Siemon Labs invests heavily in R&D and the development of Industry Standards, underlining the company's long-standing commitment to its customers and the industry.

Through an ongoing commitment to waste and energy reduction, Siemon's environmental sustainability benchmarks are unparalleled in the industry, including 179% global carbon negativity and zero-landfill status

Siemon Interconnect Solutions (SIS) is a Siemon business unit comprised of a team of dedicated technical sales professionals supported by Siemon Labs, mechanical, electrical and signal integrity engineers committed to solving industry and customer driven interconnect challenges. We provide custom network infrastructure solutions to: OEM's, Leading Manufacturers, Value-Added Resellers and System Integrators.

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