

March 31, 2016



# **Revolution Lighting Technologies Announces Availability of Next Generation Lighting Control Technology for Municipal and Campus Lighting Systems**

## **Company's Sentinel Control System Enables Automated Wireless Network Control of Lighting Systems for Improved Security, Monitoring, Real-Time Control and Energy Efficiency**

STAMFORD, CT -- (Marketwired) -- 03/31/16 -- Revolution Lighting Technologies (NASDAQ: RVLТ), a leader in advanced LED lighting technology solutions, today announced the availability of the newest iteration of Sentinel, its flagship automated control system for advanced lighting management.

Sentinel can control a lighting network of up to 30,000 lights per gateway within a five-plus mile radius, scalable by adding additional gateways beyond 30,000 lights. The control functionality offers a map based interface showing GPS location, energy usage and light status. The system enables users to optimize energy savings in target areas by creating groups and schedules to dim and turn on/off lights, while monitoring capabilities provide automatic email reports that detail issues and direct crews to lamp locations with information on root cause of lamp failure. Sentinel can be utilized anywhere that the FCC allows a 450MHz band license, making it ideal for municipalities, public schools, public universities, church campuses, and non-profits.

Sentinel's latest generation of lighting controls was designed in cooperation with SYNEXXUS, a Service Disabled Veteran Owned Small Business (SDVOSB) with extensive experience customizing software and hardware for defense, security, and control solutions. Key upgraded features include:

- 50% smaller for compact fixture integrated design.
- External product agnostic design through a 7-Pin twist lock receptacle package.
- Remote connectivity to the gateway via Ethernet, Wi-Fi, cellular.
- Embedded user interface accessible remotely over the internet using typical web browsers.
- Indoor mapping feature to support networked lighting in both indoor and outdoor applications.
- Enhanced output power for longer range and improved reliability.
- Each lamp node can be used as a repeater, extending area coverage beyond 5 miles.
- Customizable photocell for tuning to different ambient light level conditions.
- Adjustable default lighting schedule stored in each node for offline communication if there is a power failure at the gateway location.

Revolution Lighting's Sentinel control system has been adopted by municipalities including Arlington County, VA, which installed 4,000 LED fixtures and nodes along with Sentinel to cover the entire county street lighting network. The system's capabilities include dimming, monitoring of lighting performance, and improving maintenance response times through real-time operational feedback. As a result of these new capabilities, Arlington County is reducing its nominal energy consumption from the LED fixtures by 73% in residential areas and 27% in semi-commercial areas, bringing savings to the community.

Another project, for the Town of Mamaroneck in New York, included the installation of 1,100 fixtures and a Sentinel control system, creating different lighting control groups and dimming schedules for residential, main roads, and main intersections. As a result of these new technologies, the Town of Mamaroneck is reducing its nominal energy consumption from the LED fixtures by 27% on main roads and intersections and by 47% in residential areas.

"We're pleased to announce the latest generation of our revolutionary control system, Sentinel, delivering efficiency and advanced lighting control for our customers," said Robert V. LaPenta, CEO and Chairman Revolution Lighting. "The integration of our Sentinel control systems, combined with our industry leading LED lamp technologies will allow municipalities and campus environments to effectively regulate their lighting, reducing lighting utility costs by more than 60% while enhancing individual safety and well-being."

A municipality's street lighting system can account for up to 40% of its total electric bill, creating opportunity for significant savings. There are more than 50 million streetlights in North America, presenting an annual cost savings of more than \$1 billion if municipalities actively monitored and controlled their systems using technology like Sentinel. [By also changing out current street lamps to Revolution Lighting's LED lamps](#), lighting electric and maintenance costs can decrease by up to 70%, while also enhancing safety, security, and well-being of city residents.

### ***About Revolution Lighting Technologies, Inc.***

Revolution Lighting Technologies, Inc. is a leader in the design, manufacture, marketing, and sale of LED lighting solutions focusing on the industrial, commercial and government markets in the United States, Canada, and internationally. Through advanced technology and aggressive new product development, Revolution Lighting has created an innovative, multi-brand, lighting company that offers a comprehensive advanced product platform. The company goes to market through its Seesmart brand, which designs, engineers and manufactures an extensive line of high-quality interior and exterior LED lamps and fixtures; Lighting Integration Technologies Inc., which sells and installs Seesmart products; Lumificent, which supplies LED illumination for the signage industry; Relume Technologies, a leading manufacturer of outdoor LED products; Sentinel, a revolutionary, patented and licensed monitoring and smart grid control system for outdoor lighting applications; and Energy Source, a full service turnkey solutions provider and installer of LED technology. Revolution Lighting Technologies markets and distributes its products through a network of independent sales representatives and distributors, as well as through energy savings companies and national accounts. Revolution Lighting Technologies trades on the NASDAQ under the ticker RVLT. For additional information, please visit [www.rvlti.com](http://www.rvlti.com).

Investor Relations Contact:  
Amato and Partners, LLC

Investor Relations Counsel  
[admin@amatoandpartners.com](mailto:admin@amatoandpartners.com)

Media Contact:  
Matthew Bretzius  
FischTank Marketing and PR  
[matt@fischtankpr.com](mailto:matt@fischtankpr.com)

Source: Revolution Lighting Technologies