



## PRESS RELEASE

### GE Sets New, Higher Standard for LED Traffic Signal Quality

*Ongoing random production unit tests by third-party certification firm Intertek to go beyond ITE standard*

CLEVELAND — Lumination, LLC, GE Consumer & Industrial's LED business, wants customers and potential customers of any LED traffic signal manufacturer, including people considering GE's offerings, to demand lasting, higher quality production standards. "Write it into the spec," exclaims David Elien, president and CEO, Lumination.

"Demanding solid, objective proof of enduring quality and performance is good for customers, good for the driving public and good for GE," adds Elien.

To this end, GE asked Intertek to develop a new comprehensive third-party certification program for LED traffic signal modules. Under the **new Intertek ETL Verified certification program**, production units of Lumination's GT1™ brand of LED circular signals, arrows and pedestrian signals will be independently tested and evaluated using the latest industry standards published by the Institute of Transportation Engineers (ITE).

The Intertek ETL Verified program is a powerful new quality assurance tool that takes existing industry testing standards to the next level. Current third party testing involves design qualification testing as defined under ITE Specifications, Section 6.4. It requires manufacturers to provide six proof-of-design modules that meet ITE Specifications.

**The new Intertek ETL Verified program goes beyond these minimum specifications. It involves an initial production facility audit and product benchmarking tests followed by a bi-annual facility audit and testing of two random samples of each SKU to ensure that production units are ITE compliant.**

Section 6.3 Production Tests & Inspections of the ITE Specifications notes that all production modules tendered for sale shall undergo comprehensive testing prior to shipment, where the failure of a module to meet the requirements shall be cause for rejection. This ensures that purchasers, specifiers and end-users receive the highest degree of confidence in product quality and performance. The production quality assurance includes routine tests of random samples to ensure minimum performance levels of modules built to meet the latest ITE Specifications.

Section 6.3 states that all lamps must undergo full production testing and inspection prior to shipping. All lamps must pass:

- Luminous intensity requirements;
- Power factor requirements;
- Current consumption less than 120 percent of design; and
- Visual inspection.

The new Intertek ETL Verified program shifts the declaration of compliance with Section 6.3, which involves production tests and inspections, from the manufacturer to an independent testing agency. It is a mark of high quality LED products—products that are verified to be ITE compliant. With the Intertek ETL Verified program, end-users can save on the expense of random sampling.

**Only certified LED lighting products will carry the esteemed Intertek ETL Verified mark.**

GE sees the new certification as a true sign of constant reliability and quality. “In our view,” says Elien, “this independent verification can instill a new level of confidence in customers. We think such verification is as important as the spec itself.”

He says the true call to action for agencies and municipalities purchasing or putting LED traffic signals out to bid is simple: “Demand Intertek ETL Verified certification to be sure that the intent of the ITE standards are maintained and enforced.”

**About Intertek**

Intertek provides testing and certification services for a variety of commercial and electrical products, including product safety testing and certification, electromagnetic compatibility (EMC) testing, performance testing, and management systems certification. These services provide global market access to customers in industries such as automotive, building products, cabling/wiring products, consumer products, food service, furniture, household appliances, HVAC, industrial machinery, IT, lighting, life safety/security, medical devices, power systems, retail, semiconductors, telecom/radio, wireless equipment. Visit [www.intertek-etlsemko.com](http://www.intertek-etlsemko.com).

**About Lumination, LLC**

Lumination, LLC, a subsidiary of General Electric Company, drives innovation, energy efficiency and cost savings for customers that use LED products, systems and solutions. Fitted with robust, low-voltage, long-life LED light engines, Lumination solutions deliver world-class, GE-grade performance. For more information, please visit [www.led.com](http://www.led.com).

**About GE Consumer & Industrial**

GE Consumer & Industrial spans the globe as an industry leader in major appliance, lighting and integrated industrial equipment, systems and services. Providing solutions for commercial, industrial and residential use in more than 100 countries, GE Consumer & Industrial uses innovative technologies and "ecomagination," a GE initiative to aggressively bring to market new technologies that help customers and consumers meet pressing environmental challenges, to deliver comfort, convenience and electrical protection and control. General Electric (NYSE: GE) brings imagination to work, selling products under the Monogram®, Profile™ GE®, Hotpoint®, SmartWater™ Reveal® and Energy Smart™ consumer brands, and Entellisys™ industrial brand. For more information, consumers may visit [www.ge.com](http://www.ge.com).

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