ASE Test

Save time. Improve quality. Establish accountability.

Automated SSL test system provides means to authenticate warranty performance…

ASE TEST DEVELOPS INDUSTRY'S FIRST SSL TEST SYSTEM FOR DESIGN, VALIDATION & VOLUME MANUFACTURING

GREENVILLE, NC – ASE Test, a division of Automation South Electronics, has developed the industry's first automated test system that is specifically designed for quickly testing the electrical performance of LED drivers, LED arrays and LED fixtures. Designated the ASE SSL 3.0 Test System, this flexible test system can be used for design, design validation and volume manufacturing testing to verify quality of production. The SSL test system can also verify the electrical performance of incoming LED driver and LED array shipments, providing traceability and accountability within the supply chain.

Advanced testing and documentation features provide statistical process control (SPC) that enable manufacturers to meet six-sigma certification. In addition, the ASE SSL 3.0 Test System allows manufacturers to save on warranty claims because of the documentation and traceability of LED drivers used in production.

The ASE SSL 3.0 Test System can rapidly test and verify single or multi-channel LED drivers, either constant current up to 20A or constant voltage up to 500Vdc. The system can be configured and customized for the end user's requirements to optimize hardware performance.

The system can also be used to test LED luminaries with up to 300VRMS (750VA maximum) or 425Vdc (575W maximum).

"In the solid state lighting industry, standards have not been established or defined for testing LED drivers, light engines or light systems. There is no attribute testing on volume manufacturing, no SPC on volume manufacturing, no parametrics, no empirical data, and no

traceability. The ASE SSL 3.0 Test System efficiently provides automated production tests to deliver validation and verification of performance," said John Banks, president of Automation South Electronics.

Test results can be reviewed to monitor the performance of the system and the units under test using the provided results query window. SPC alarms can be set to alert the technician when selected test results are out of control. Manual operation allows the testing of units with different source and load conditions. This can be used for testing during design development and debugging of failed units.

A handheld or fixed barcode scanner can be added to the ASE SSL 3.0 Test System to allow for the entry of the unit identification into the operator interface for warranty tracking.

For more information about the ASE SSL 3.0 Test System, e-mail ASE Test at info@asetest.net; call 252-714-0149; or visit www.asetest.net.

About ASE Test
ASE Test, a division of Automation South Electronics, provides rapid manufacturing test development, product design verification test development, and test station fabrication to facility/plant requirements. ASE Test systems meet demanding customer needs by improving product production and support, increasing product performance, validating product design and product quality, and reducing time-to-market. ASE Test specializes in high volume test systems for end-of-line production, design verification and product validation, and in-circuit programming of LED drivers, LED light engines, LED fixtures and automotive electronics.

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