



LTL3000 Retroreflectometer



ENNIS-FLINT
The Mark of Traffic Safety®



**1-SECOND
MEASUREMENT**



LTL3000 Retroreflectometer

A new generation of retroreflectometer instruments for measuring the retroreflectivity of road markings.

LTL3000 is the next generation of DELTA retroreflectometers. Its modern, lightweight design makes it compact and easy to use. The one-step calibration takes 30 seconds. The LTL3000 measures all types of road markings at a distance of 30 meters with high accuracy.

Governmental agencies and testing facilities rely on Delta instruments for fast, accurate, and reliable measurements of the nighttime visibility of pavement markings. It has automatic stray light compensation and daylight and other outside light sources will not affect the accuracy of the measurements.

The LTL3000 is an important component to properly measure and verify data when implementing any of the proposed maintenance methods. DELTA instruments are repeatable, reproducible, and traceable to a NIST national standard through an ISO 17025-certified testing and calibration laboratory.

As the exclusive distributor of DELTA LTL3000 pavement marking retroreflectometers in the United States, Canada and Mexico, Ennis-Flint is helping customers objectively monitor the optical performance of today's pavement markings.

Annual Maintenance Inspection Program

Through Ennis-Flint's Annual Maintenance Inspection Program, factory trained and authorized personnel provide a thorough annual maintenance inspection to keep each DELTA instrument operating at optimum performance.

Ennis-Flint technicians thoroughly check, adjust and/or repair any aspect of the instrument which fails to meet the high quality standards set by DELTA during the original manufacturing process.

Calibration Standards

LTL3000 instruments are calibrated at DELTA's DANAK-accredited laboratory and are traceable in accordance with standards issued by PTB (Physikalisch-Technische Bundesanstalt, Germany) and NIST (National Institute of Standards and Technology, USA).



LTL3000 FEATURES SUMMARY

- Single handed operation, user-friendly
- Color touch LED display
- Fast measurement time of 1 second
- One-step calibration
- Instrument calibration standards traceable and accredited to NIST
- Multiple languages and error detection
- USB 8GB memory stick interface
- Memory capacity of 1 million measurements
- Nighttime color coordinates (optional)
- Interactive ID labeling: series, user and marking type
- Measure profiled markings
- GNSS positioning - GPS, GLONASS, BeiDou & Galileo systems. (Optional)
- Data presentation in MS Excel format
- Facility for entering and storing road ID and user ID
- Standard Bosch professional battery power supply

