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LTL-M

Specifications*

Optical specifications

Field of measurement: Width:	1000 mm / 39,4 inch
Illumination angle to road:	1.24°
Observation angle to road:	2.29°
Illumination angular spread:	
- Horisontal:	0.33°
- Vertical:	0.17°
Observation angular spread:	±0.17°
Equivalent observations distance:	30 m
R_L range (mcd·m-2·lx-1)	0-2000

Instrument dimensions

Length:	500 mm / 19.7 inch
Width:	200 mm / 7.9 inch
Height:	300 mm / 11.8 inch
Weight:	15 Kg / 33 lbs

Compliance

EMC:	EN 61326 : 2007
Low voltage:	Not applicable, battery driven
ROHS:	Compliance to the requirement of and its exception. Directive 2002/95/EC; 2002/96/EC Annex 1A

Electrical characteristics

Power supply:	12 V

Environmental specification

Temperature:	
- Operating	0°C to +45°C / 32°F to 113°F
- Storage	-15°C to +55°C / 5°F to 131°F
Humidity:	non condensing

Standards

EN 1436
ASTM E-1710

Features

- Continuous measurement of night visibility (R_L) of road markings at driving speed
- Automatic compensation for vehicle movements**
- Measures daylight contrast and line width
- Measures presence of, missing and non-working road studs (RRPM's)
- Measures all types and colors of plain and profiled markings
- Measures dry and wet markings
- Measures profiles up to 15 mm
- Stop and mark function during operation
- Air humidity and temperature is recorded
- Measured data are automatically stored
- Can be operated by one person
- Software for reporting and transfer of data to Excel
- Graphical presentation of measurement values
- Future software upgrades can easily be integrated
- ID (road, operator, line type, color) can be added
- may be integrated with existing GIS systems

Standard delivery

LTL-M retroreflectometer
Software for report and graphical generation
Calibration standard
Vehicle fixture
Quick guide
User manual on CD/DVD
Carrying case

Options

Video camera

*Preliminary specifications
**Patent pending

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