



We help ideas meet the real world

LTL-X

Specifications



Optical specifications

Field of measurement:	
- Width:	50 mm / 1.97 inch
- Height:	200 mm / 7.87 inch
Illumination angle to road:	1.24°
Observation angle to road:	2.29°
Illumination angular spread:	
Horizontal:	0.33°
Vertical:	0.17°
Observation angular spread:	±0.17°
Equivalent observations distance:	30 m
Min. reading (mcd·m-2·lx-1)	0
Max. reading (mcd·m-2·lx-1)	2000

Instrument dimensions

Length:	573 mm / 22.56 inch
Width:	222 mm / 8.74 inch
Height:	538 mm / 21.18 inch
Weight:	9 Kg / 20 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:	NiMH
Data memory:	1,000 measurements
Interface:	USB

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

Timing

Measurement time:	< 0.5 sec.
Time between measurement:	1 sec.

Standards

EN 1436
ASTM E-1710

Features

- Measures plain texture and profiled markings up to 15 mm
- Measures both dry and wet markings and continuous rain
- Measurement statistics
- ID functions (road, operator, line type, colour)
- Multilingual
- Data storage and communication
- RSC software for PC downloads
- Ergonomic design and operation
- Single hand operated and user-friendly
- Stray light compensated
- Built in printer

Standard delivery

LTLX Retrometer
Telescopic handle and wheels
Software for download and report generation
Printer
Calibration standard
Battery charger
Quick guide
User manual on CD/DVD
Carrying case on wheel

Options

GPS
12V car battery charger